For Research Use Only

## HEXIM1 Polyclonal antibody

Catalog Number:15676-1-AP

Featured Product

12 Publications

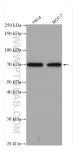


150ul, Concentration: 700 µg/ml by   10614   WB 1:1000-1:6000     Nanodrop:   UNPROT ID:   P0.5-4.0 ug for 1.0-3.0     Source:   094992   Posted ug for 1.0-3.0     Rabbit   Full Name:   HC 1:50-1:500     Isotype:   hexamethylene bis-acetamide   HC 1:50-1:500     IgG   inductible 1   Immunogen Catalog Number:   Calculated MW:     AG8144   41 kDa   Observed MW:   70 kDa     Applications:   VB IP, IF, HC, ClP   IP: HeLa cells, MCF-7 cells     Cited Applications:   VB IP, IF, HC, ColP   IP: HeLa cells,     Species:   human, mouse, rat   IF: HeLa cells,     Note-HC:   suggested antigen retrieval with   Tested Applicatione concert issue,     Muman, mouse, rat   IF: HeLa cells,   IF: HeLa cells,     More, HHC:   suggested antigen retrieval with citrate buffer pH 6.0   PO: (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0     Background Information   HEXIM1, also named CLP1, EDG1, HIS1 or MAQ1, is best known as the inhibitor of positive transcriptional activity. Previous thetHEXIM1 interacts with two key p35 regulators, nucleophostin and HDM2, implying a possible observed MW file;     Si3627647, PMID: 20976205, PMID: 20976205, PMID: 20976205, PMID: 20976205, PMID: 20976205, PM	Basic Information	Catalog Number: 15676-1-AP	0		Purification Method: Antigen affinity purification	
WB, IP, IF, FC, IHC, EUSA   WB: HeLa cells, MCF-7 cells     Cited Applications:   IP: HeLa cells,     WB, IP, IF, IHC, CoIP   IHC: human breast cancer tissue,     Species Specificity:   IHC: human breast cancer tissue,     human, mouse, rat   IF: HeLa cells,     Note-IHC: suggested antigen retrieval with   TE belffer pH 9.0; (*) Alternatively, antigen     retrieval may be performed with citrate   buffer pH 9.0; (*) Alternatively, antigen     retrieval may be performed with citrate   buffer pH 6.0     Background Information   HEXIM1, also named CLP1, EDG1, HIS1 or MAQ1, is best known as the inhibitor of positive transcription elongation of RNA polymerase II and controls 60-70% of     HEXIM1 regulates NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity. Previous that HEXIM1 interacts with two key pS3 regulators, nucleophosmin and HDM2, implying a possible - between HEXIMA and the p53 signaling pathway. The mainstream MW of this protein is 65-70 kDa a 35627647, PMID: 20976203, PMID: 28254838).     Notable Publications   Author   Pubmed ID   Journal   Alternet     Eilebrecht Sebastian S   21957495   RNA Biol   W     Joshua E Burda   35614216   Nature   IH     Sebastian Eilebrecht   24623795   Nucleic Acids Res   W     Storage:   Storage:   Storage: a		150ul , Concentration: 700 µg/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number:	10614 UNIPROT ID: O94992 Full Name: hexamethylene inducible 1 Calculated MW: 41 kDa Observed MW:	bis-acetamide	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500	
Cited Applications:   IP: HeLa cells,     WB: IP, IF, IHC, CoIP   IP: HeLa cells,     Species Specificity:   IHC: human breast cancer tissue,     human, mouse, rat   IF: HeLa cells,     Note-IHC: suggested antigen retrieval with   IF: HeLa cells,     TE buffer pH 9.0; (*) Alternatively, antigen retrieval with   IF: HeLa cells,     Background Information   HEXIM1, also named CLP1, EDG1, HIS1 or MAQ1, is best known as the inhibitor of positive transcript factor b, which regulates the transcription elongation of RNA polymerase II and controls 60-70% of HEXIM1 regulates NF-kappa-B, ESR1, NR32 tand CIITA-dependent transcriptional activity. Previous that HEXIM1 interacts with two key pS3 regulators, nucleophosmin and HDM2, implying a possible 4 between HEXIM1 and the p53 signaling pathway. The mainstream MW of this protein is 65-70 kDa a 33627647, PMID: 20976203, PMID: 28254838).     Notable Publications   Author   Pubmed ID   Journal   April 24254838).     Storage   Storage:   Storage:   Storage:   Storage:	Applications					
WB, IP, IF, IHC, CoIP   IP: HeLa Cetts,     Species Specificity:   IHC : human breast cancer tissue,     human, mouse, rat   IF: HeLa cetts,     Cited Species:   IF: HeLa cetts,     human, mouse   IF: HeLa cetts,     Background Information   Note-IHC: suggested antigen retrieval with     HEXIM1, also named CLP1, EDG1, HIS1 or MAQ1, is best known as the inhibitor of positive transcription elongation of RNA polymerase II and controls 60-70% of     HEXIM1 regulates NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity. Previous that HEXIM1 inregulates NF-kappa-B, ESR2, NR3C1 and CIITA-dependent transcriptional activity. Previous that HEXIM1 inregulates NF-kappa-B, ESR2, NR3C1 and CIITA-dependent transcriptional activity. Previous that HEXIM1 inreacts with two key p53 regulators, nucleophosmin and HDM2, implying a possible / between HEXIM1 and the p53 signaling pathway.The mainstream MW of this protein is 65-70 kDa a 33627647, PMID: 20976203, PMID: 28254838).     Notable Publications   Author   Pubmed ID   Journal   Ap     Eilebrecht Sebastian S   21957495   RNA Biol   W     Joshua E Burda   35614216   Nature   IH     Storage:   Storage:   Storage:   Storage / Store at -20°C. Stable for one year after shipment.		Cited Applications:				
Species Specificity:   human, mouse, rat   IF: HeLa cells,     Cited Species:   human, mouse     Note-IHC: suggested antigen retrieval with   TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0     Background Information   HEXIM1, also named CLP1, EDG1, HIS1 or MAQ1, is best known as the inhibitor of positive transcriptin factor b, which regulates the transcription elongation of RNA polymerase II and controls 60-70% of HEXIM1 regulates NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity. Previous that HEXIM1 interacts with two key p53 regulators, nucleophosmin and HDM2, implying a possible / between HEXIM1 and the p53 signaling pathway.The mainstream MW of this protein is 65-70 kDa a 33627647, PMID: 20976203, PMID: 28254838).     Notable Publications   Author   Pubmed ID   Journal   April 1 April 2 0076203, PMID: 28254838).     Storage:   Storage:   Storage:   Storage:   Storage:   Storage at -20°C. Stable for one year after shipment.		WB, IP, IF, IHC, CoIP				
human, mouse     Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0     Background Information     HEXIM1, also named CLP1, EDG1, HIS1 or MAQ1, is best known as the inhibitor of positive transcript factor b, which regulates the transcription elongation of RNA polymerase II and controls 60-70% of HEXIM1 regulates NF-kappa-B, ESR1, NR3C1 and CIITA-dependent transcriptional activity. Previous that HEXIM1 interacts with two key p53 regulators, nucleophosmin and HDM2, implying a possible of between HEXIM1 and the p53 signaling pathway.The mainstream MW of this protein is 65-70 kDa a 33627647, PMID: 20976203, PMID: 28254888).     Notable Publications   Author   Pubmed ID   Journal   Application     Eilebrecht Sebastian S   21957495   RNA Biol   W     Joshua E Burda   35614216   Nature   IH     Storage   Storage: Store at -20°C. Stable for one year after shipment.   Store at -20°C. Stable for one year after shipment.		Species Specificity:				
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Storage   Storage:     Storage   Storage:		TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate				
Eilebrecht Sebastian S   21957495   RNA Biol   W     Joshua E Burda   35614216   Nature   IH     Sebastian Eilebrecht   24623795   Nucleic Acids Res   W     Storage:   Storage:   Storage:   Storage:   Storage:	Background Information	factor b, which regulates the transcri HEXIM1 regulates NF-kappa-B, ESR1, that HEXIM1 interacts with two key p between HEXIM1 and the p53 signal	ption elongation o , NR3C1 and CIITA- 553 regulators, nucl ing pathway.The m	f RNA polymerase dependent transcr leophosmin and HI	II and controls 60-70% of mRNA synthesi iptional activity. Previous studies showed DM2, implying a possible connection	
Eilebrecht Sebastian S   21957495   RNA Biol   W     Joshua E Burda   35614216   Nature   IH     Sebastian Eilebrecht   24623795   Nucleic Acids Res   W     Storage:   Storage:   Storage:   Storage:   Storage:	Notable Publications	Author Pu	Jbmed ID	Journal	Application	
Sebastian Eilebrecht 24623795 Nucleic Acids Res W   Storage: Storage: Storage:   Store at -20°C. Stable for one year after shipment.		Eilebrecht Sebastian S 21	1957495	RNA Biol	WB, IP	
Storage Storage:   Store at -20°C. Stable for one year after shipment.		Joshua E Burda 35	5614216	Nature	IHC	
Store at -20°C. Stable for one year after shipment.		Sebastian Eilebrecht 24	4623795	Nucleic Acids Res	WB	
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.	Storage	Store at -20°C. Stable for one year af Storage Buffer:	•			
*** 20ul sizes contain 0.1% BSA	*** 20ul sizes contain 0.1% BSA					

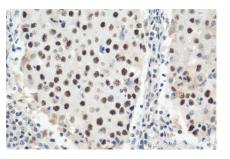
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free<br/>in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.com

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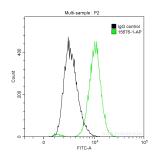
## Selected Validation Data



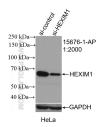
Various lysates were subjected to SDS PAGE followed by western blot with 15676-1-AP (HEXIM1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



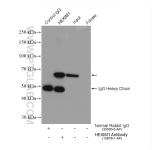
Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using 15676-1-AP (HEXIM1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



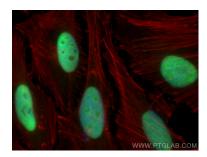
1X10^6 HeLa cells were intracellularly stained with 0.2 ug Anti-Human HEXIM1 (15676-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH .



WB result of HEXIM1 antibody (15676-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HEXIM1 transfected HeLa cells.



IP result of anti-HEXIM1 (IP:15676-1-AP, 4ug; Detection:15676-1-AP 1:5000) with HeLa cells lysate 1880 ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HEXIM1 antibody (15676-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).