## For Research Use Only

## NUP62 Polyclonal antibody

Catalog Number:13916-1-AP

Featured Product

14 Publications



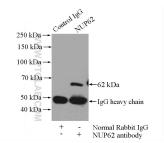
Notable PublicationsAuthorPubmed IDJournalApplicationLi Liu31527085J Biol ChemWBHao-Long Zeng29174846Biochim Biophys ActaWBTianyu Wu36395215ScienceIF	Basic Information	Catalog Number: 13916-1-AP	GenBank Accession Number	er: Purification Method: Antigen affinity purification	
method using BSA as the standard; protein lysate   Source: Calculated MW:   Rabbit 522 as, 55 kDa   Isotype: Observed MW:   IgG 62 kDa   Immunogen Catalog Number: AG4912   Agenetic Cited Applications: IP; WB,EUSA   IP; WB,EUSA W8: PC-3 cells, NIH/3T3 cells   Cited Applications: IP: NIH/3T3 cells, IP: NIH/3T3 cells   Cited Applications: IP: NIH/3T3 cells, IP: NIH/3T3 cells   Cited Applications: IP: NIH/3T3 cells, IP: NIH/3T3 cells   Cited Applications: IP: NIH/3T3 cells, Species Specificity:   human, mouse, rat Cited Application in anchorage of p52 to the pore complex. Th   NUP62 belongs to the nucleoporin NSP1/NUP62 family. It is essential component of the nuclear pore complex. Th   NuP62 are its cause of infamilis entration and may function in anchorage of p52 to the pore complex. Defects in threation via colled-coil formation and may function in anchorage of p52 to the pore complex. Defects in stand and three transcribed exons. It is ubiquitously expressed, an observation compatible with its essential not transporting cargo across the nuclear envelope. (PMID:15029492)   Notable Publications Author   Li Liu 31527085   J Biol Chem W8   Hao-Long Zeng 29174846   Biochim Biophys Acta W8   Tanyu Wu 36395215   Storage <td rowspan="2"></td> <td></td> <td></td> <td></td>					
Rabbit   522 a. 53 k.Da     Isotype:   Observed MV:     IgG   62 k.Da     Immunogen Catalog Number:   AC6912     Applications:   IP, WB,EUSA     IP, WB,EUSA   WB: PC-3 cells, NIH/3T3 cells     Cited Applications:   IP: NIH/3T3 cells     IF, IP, WB   Species Specificity:     human, mouse, rat   Cited Species:     human, rat, mouse   Incoleoption INSP1/NUP62 family, It is essential component of the nuclear pore complex. The N-reminal is probably involved in nucleocytoplasmic transport. The C-terminal is probably involved in protein interaction via colled-coil formation and may function in anchorage of p52 to the pore complex. Defects in NUP62 are the cause of infancile straitonigral degeneration (SNDI). NUP62 consists of a single promoter with a C pisland and three transpride decoment (It subjuituously expressed, an observation compatible with its essential note transporting cargo across the nuclear envelope. (PMID:16029492)     Notable Publications   Liu   31527085   J Biol Chem   WB     Hao-Long Zeng   29174846   Biochim Biophys Acta   WB     Hao-Long Zeng   291748		Nanodrop and 273 µg/ml by Bradford	i uti name.	0 0	
IgG   G2 kDa     Immunogen Catalog Number:   AG4912     Applications   Tested Applications:   Positive Controls:     IP, WB EUSA   WB: PC-3 cells, NIH/3T3 cells   Cited Applications:     IF, IP, WB   IP: NIH/3T3 cells,   IP: NIH/3T3 cells,     Species Specificity:   human, mouse, rat   Cited Species:   IP: NIH/3T3 cells,     Background Information   NUP62 belongs to the nucleoporin NSP1/NUP62 family. It is essential component of the nuclear pore complex. Th N-terminal is probably involved in nucleocytoplasmic transport. The C-terminal is probably involved in protein- protein interaction via colled-coil formation and may function in ancharge of p62 to the pore complex. Defects in NUP62 are the cause of infantile straistorigral degeneration (SNDI). NUP62 consists of a single promoter with a Cp island and three transcribed exons. It is ubiquitously expressed, an observation compatible with its essential role transporting cargo across the nuclear envelope. (PMID:16029492)     Notable Publications   Author   Pubmed ID   Journal   Application     Li Liu   31527085   J Biol Chem   WB     Hao-Long Zeng   29174&46   Biochim Biophys Acta   WB     Hao-Long Zeng   29174&46   Biochim Biophys Acta   WB     Storage   Storage: Store at -20°C. Stable for one year after shipment. 					
AG4912     Applications   Tested Applications: IP, WB,EUSA   Positive Controls: WB: PC-3 cells, NIH/3T3 cells     Cited Applications: IF, IP, WB   IP: NIH/3T3 cells   IP: NIH/3T3 cells     Cited Species Specificity: human, rat, mouse, rat   IP: NIH/3T3 cells   IP: NIH/3T3 cells     Background Information   NUP62 belongs to the nucleoporin NSP1/NUP62 family. It is essential component of the nuclear pore complex. Th N-terminal is probably involved in nucleocytoplasmic transport. The C-terminal is probably involved in protein- protein interaction via colled-coil formation and may function in ancharage of p52 to the pore complex. Defects in NUP62 belongs to the cause of infantile striatonigral degeneration (SNDI). NUP62 consists of a single promoter with a Cp island and three transcribed exons. It is ubiquitously expressed, an observation compatible with its essential role transporting cargo across the nuclear envelope. (PMID:16029492)     Notable Publications   Author   Pubmed ID   Journal   Application WB     Hao-Long Zeng   29174846   BioChim Biophys Acta   WB     Tanyu Wu   36395215   Science   IF     Storage   Storage Buffer: PBS with 0.02% sodum azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage   Storage					
Applications   IP, WB,ELISA   WB: PC-3 cells, NIH/3T3 cells     Cited Applications:   IP: NIH/3T3 cells,   IP: NIH/3T3 cells,     Species Specificity:   human, mouse, rat   Cited Species:     Numan, rat, mouse   NUP62 belongs to the nucleoporin NSP1/NUP62 family. It is essential component of the nuclear pore complex. Th     N-terminal is probably involved in nucleocytoplasmic transport. The C-terminal is probably involved in protein-protein interaction via colled-coil formation and may function in anchorage of p62 to the pore complex. Defects in NUP62 are the cause of infantile striatonigral degeneration (SNDI). NUP62 consists of a single promoter with a Cp island and three transcribed evons. It is ubiquitously expressed, an observation compatible with its essential role transporting cargo across the nuclear envelope. (PMID:16029492)     Notable Publications   Author   Pubmed ID   Journal   Application     Li Liu   31527085   J Biol Chem   WB     Hao-Long Zeng   29174846   Biochim Biophys Acta   WB     Tianyu Wu   36395215   Science   IF     Storage   Storage   Storage Buffer.   PBS with 0.02% sodium azide and 50% glycerol pH 7.3.     Aliquoting is unnecessary for -20°C storage   Autoor grage across corage co		<b>U U</b>			
IP, WB,ELISA   WB: PC-3 cells, NIH/3T3 cells     Cited Applications:   IP: NIH/3T3 cells,     IF, IP, WB   Species Specificity:     human, mouse, rat   Cited Species:     human, rat, mouse   NUP62 belongs to the nucleoporin NSP1/NUP62 family. It is essential component of the nuclear pore complex. Th     N-terminal is probably involved in nucleocytoplasmic transport. The C-terminal is probably involved in protein-protein interaction via colled-coil formation and may function in anchorage of p62 to the pore complex. Defects in NUP62 are the cause of infantite straitanigral degeneration (SNDI). NUP62 consists of a single promoter with a Cp island and three transcribed exons. It is ubiquitously expressed, an observation compatible with its essential role transporting cargo across the nuclear envelope. (PMID:16029492)     Notable Publications   Author   Pubmed ID   Journal   Application     Li Liu   31527085   J Biol Chem   WB     Hao-Long Zeng   29174846   Biochim Biophys Acta   WB     Tianyu Wu   36395215   Science   IF     Storage   Storage:   Storage:   Storage Buffer:   PB     PB   Mit 0.02% sodium azide and 50% glycerol pH 7.3.   Aliquoting is unnecessary for -20°C Storage	Applications		Positive Controls:		
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		0	er shipment		
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For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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## Selected Validation Data





PC-3 cells were subjected to SDS PAGE followed by western blot with 13916-1-AP (NUP62 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.

IP Result of anti-NUP62 (IP:13916-1-AP, 4ug; Detection:13916-1-AP 1:1000) with NIH/3T3 cells lysate 1200ug.