

For Research Use Only

WDR24 Polyclonal antibody

Catalog Number: 20778-1-AP

Featured Product

22 Publications



Basic Information

Catalog Number: 20778-1-AP	GenBank Accession Number: BC008025	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 750 µg/ml by Nanodrop;	GeneID (NCBI): 84219	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: WD repeat domain 24	
Isotype: IgG	Calculated MW: 920 aa, 102 kDa	
Immunogen Catalog Number: AG14774	Observed MW: 102 kDa, 88 kDa	

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
CoIP, IF, IP, WB

Species Specificity:
human, mouse

Cited Species:
human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HEK-293 cells, mouse brain tissue, HeLa cells

IP: HeLa cells,

IHC: human colon cancer tissue, human colon tissue, human ovary tissue

IF: HeLa cells, HepG2 cells

Background Information

WDR24 is a component of the GATOR2 complex which has five known subunits (WDR24, WDR59, Mios, Sec13, and Seh1L). GATOR2 complex positively regulates mTORC1 signaling by acting upstream of or in parallel to GATOR1, which is a GTPase-activating protein (GAP) for RagA or RagB and an inhibitor of the amino-acid-sensing pathway. (PMID: 23723238; 25263562)

Notable Publications

Author	Pubmed ID	Journal	Application
Jacqueline Morales	36282590	JCI Insight	WB
Marcel Seibert	36444289	MethodsX	WB,IP
Lingyun Long	34795452	Nature	IP,WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

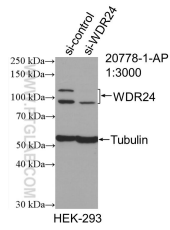
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

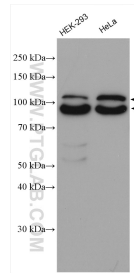
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

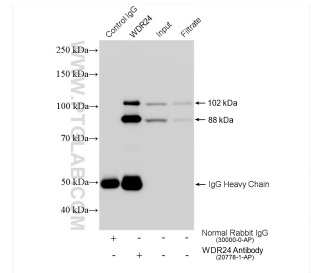
Selected Validation Data



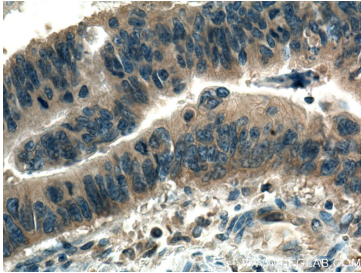
WB result of WDR24 antibody (20778-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-WDR24 transfected HEK-293 cells.



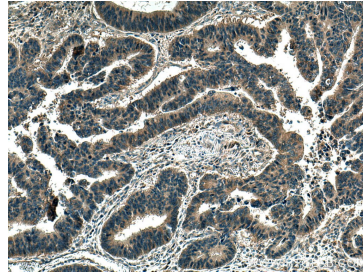
Various lysates were subjected to SDS PAGE followed by western blot with 20778-1-AP (WDR24 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



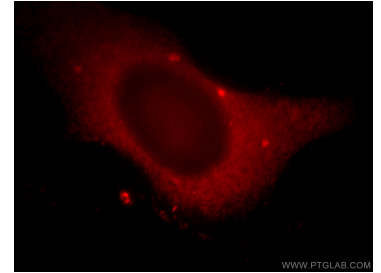
IP result of anti-WDR24(IP:20778-1-AP, 4ug; Detection:20778-1-AP 1:3000) with HeLa cells lysate 1560 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 20778-1-AP (WDR24 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 20778-1-AP (WDR24 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using WDR24 antibody 20778-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).