

For Research Use Only

WDR7 Polyclonal antibody

Catalog Number: 24431-1-AP **1 Publications**



Basic Information

Catalog Number: 24431-1-AP	GenBank Accession Number: BC131558	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 427 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23335	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y4E6	
Isotype: IgG	Full Name: WD repeat domain 7	
Immunogen Catalog Number: AG19072	Calculated MW: 1490 aa, 164 kDa	
	Observed MW: 145-150 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue IHC : human liver tissue, mouse testis tissue
Cited Applications: IF	
Species Specificity: 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	

Background Information

WDR7, also named as KIAA0541 and TRAG, belongs to the WD-repeat protein family. WD repeats are areas with the repetitions of approximately 40 amino acids that have ends with trp-asn and gly-his amino acids (GH-WD) which may help to form a multi-protein complex. WDR7 is the gene encoding adjacent of lincRNA-RoR, which has an important role in apoptosis and cell cycle (PMID: 32128092). WDR7 has 2 isoforms with the molecular mass of 160 and 164 kDa. Sometimes lower molecular weight around 150 kDa can also be observed, which may be a modified variant of WDR7.

Notable Publications

Author	Pubmed ID	Journal	Application
Ellen Crummy	31004036	J Biol Chem	IF

Storage

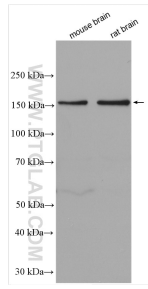
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

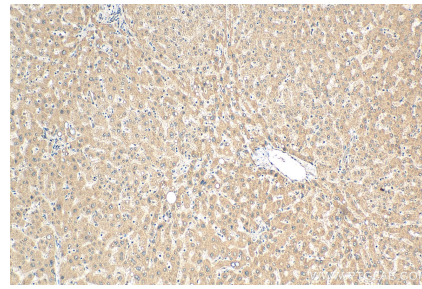
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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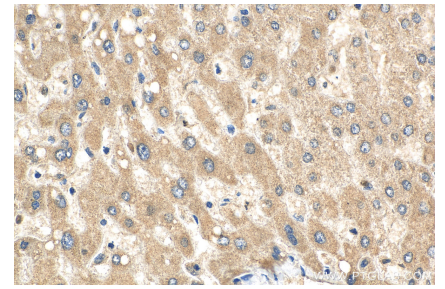
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24431-1-AP (WDR7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 24431-1-AP (WDR7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 24431-1-AP (WDR7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).