

For Research Use Only

TASOR Polyclonal antibody

Catalog Number: 30188-1-AP



Basic Information

Catalog Number: 30188-1-AP	GenBank Accession Number: NM_001112736.1	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 23272	Recommended Dilutions: WB 1:500-1:1000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9UK61	
Isotype: IgG	Full Name: chromosome 3 open reading frame 63	
Immunogen Catalog Number: AG32757	Calculated MW: 189 kDa	
	Observed MW: 189 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HeLa cells, HepG2 cells, Jurkat cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse liver tissue,

Background Information

TASOR, also known as FAM208A or C3orf63, is the central subunit of the human silencing hub (HUSH) complex. HUSH regulates deposition of the epigenetic mark H3K9me3. TASOR has a catalytically-inactive PARP domain which is necessary for targeted H3K9me3 deposition (PMID: 33009411). TASOR and the RNA deadenylase CCR4-NOT complex scaffold CNOT1 synergistically repress HIV proviral expression (PMID: 35013187). TASOR affects the genome stability during the cellular division and also interacts with methylation complex in adult tissues (PMID: 34272044).

Storage

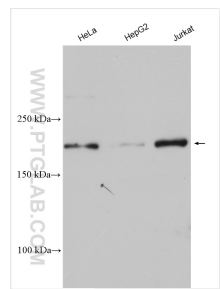
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

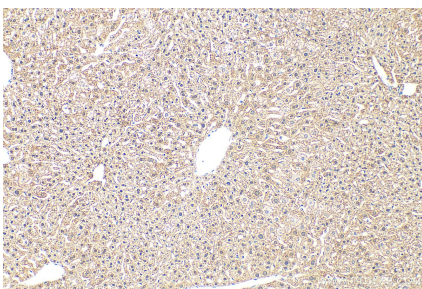
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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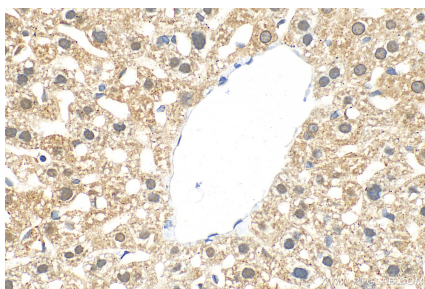
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30188-1-AP (TASOR antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 30188-1-AP (TASOR antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 30188-1-AP (TASOR antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).