

For Research Use Only

TRIM3 Polyclonal antibody

Catalog Number: 28392-1-AP **3 Publications**



Basic Information

Catalog Number: 28392-1-AP	GenBank Accession Number: NM_001248006	Purification Method: Antigen affinity purification
Size: 700 ug/ml	GeneID (NCBI): 10612	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: O75382	
Isotype: IgG	Full Name: tripartite motif-containing 3	
Immunogen Catalog Number: AG28823	Calculated MW: 81 kDa	
	Observed MW: 75 kDa, 80-85 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IHC, CoIP	WB: mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IHC: human intrahepatic cholangiocarcinoma tissue,
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

TRIM3, a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. The TRIM family of genes is largely studied because of their roles in development, differentiation and host cell antiviral defenses. TRIM3 is a mammalian tumor suppressor whose loss can increase the incidence and promote the development of GBM (PMID: 23318451). TRIM3 has four isoforms with the MW of 67-80 kDa and can be detected as 75, 80, 82, 85 kDa after posttranslational modification (PMID: 24947043/PMID: 24086586).

Notable Publications

Author	Pubmed ID	Journal	Application
Yu Cong	38367118	Mol Cell Biochem	WB, IHC, CoIP
Helene Hoenigsperger	37938186	Autophagy	WB
Ke Jin	37520369	Front Microbiol	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

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

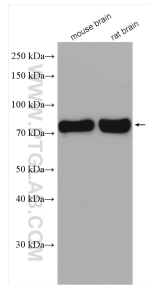
T: 4006900926

E: Proteintech-CN@ptglab.com

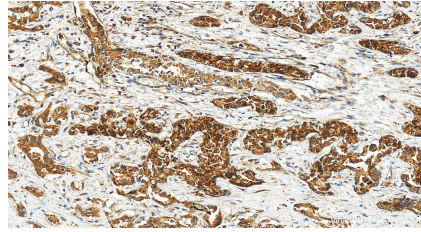
W: ptgcn.com

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

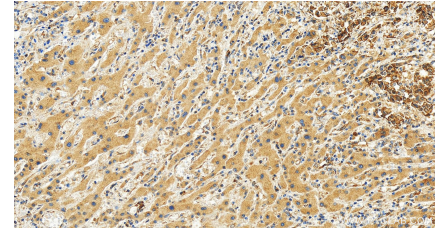
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28392-1-AP (TRIM3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 28392-1-AP (TRIM3 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 28392-1-AP (TRIM3 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).