

For Research Use Only

TRIM3 Polyclonal antibody

Catalog Number: 28392-1-AP

3 Publications



Basic Information

Catalog Number:

28392-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28823

GenBank Accession Number:

NM_001248006

GeneID (NCBI):

10612

UNIPROT ID:

O75382

Full Name:

tripartite motif-containing 3

Calculated MW:

81 kDa

Observed MW:

75 kDa, 80-85 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, CoIP

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IHC : human intrahepatic cholangiocarcinoma tissue,

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

*** 20ul sizes contain 0.1% BSA

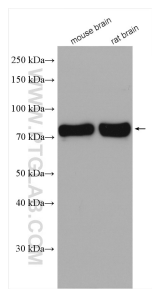
For technical support and original validation data for this product please contact:

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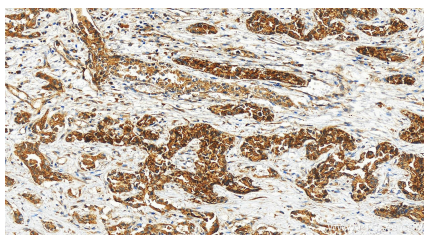
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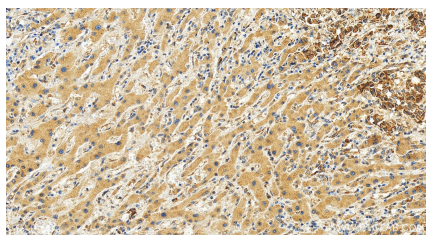
Selected Validation Data



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).