

Summary

Production Name	TRIM3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,IHC,WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TRIM3
Alternative Names	TRIM3; BERP; RNF22; RNF97; Tripartite motif-containing protein 3; Brain-expressed RING finger protein; RING finger protein 22; RING finger protein 97
Gene ID	10612.0
SwissProt ID	O75382.The antiserum was produced against synthesized peptide derived from human TRIM3. AA range:1-50

Application

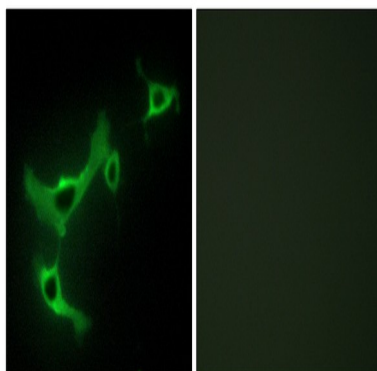
Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
Molecular Weight	81kD

Background

The protein encoded by this gene is a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic filaments. It is similar to a rat protein which is a specific partner for the tail domain of myosin V, a class of myosins which are involved in the targeted transport of organelles. The rat protein can also interact with alpha-actinin-4. Thus it is suggested that this human protein may play a role in myosin V-mediated cargo transport. Alternatively spliced transcript variants encoding the same isoform have been identified. [provided by RefSeq, Jul 2008], domain: The interaction with myosin V is dependent upon its NHL repeats, which form a beta-propeller (NHL) domain containing six blades., similarity: Belongs to the TRIM/RBCC family., similarity: Contains 1 B box-type zinc finger., similarity: Contains 1 filamin repeat., similarity: Contains 1 RING-type zinc finger., similarity: Contains 6 NHL repeats., subunit: Associates with myosin V and alpha-actinin-4 (ACTN4)., tissue specificity: Expressed in brain, heart, uterus and testis.,

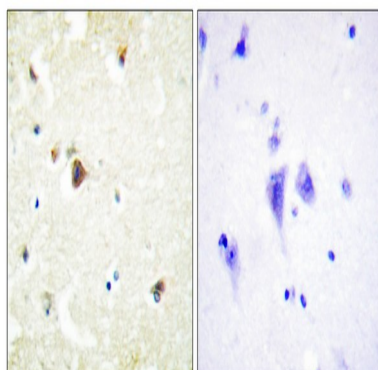
Research Area

Image Data

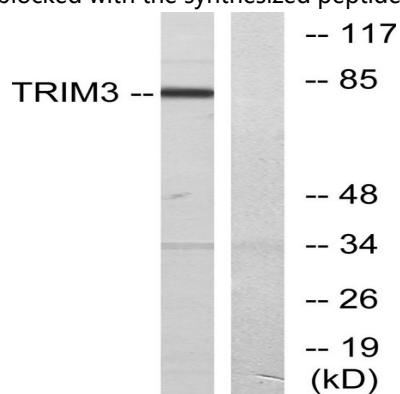


Immunofluorescence analysis of NIH/3T3 cells, using TRIM3 Antibody. The picture on the right is blocked with the synthesized peptide.

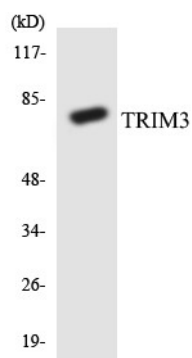
Product Name: TRIM3 Rabbit Polyclonal Antibody
Catalog #: APRab19273



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using TRIM3 Antibody. The picture on the right is blocked with the synthesized peptide.

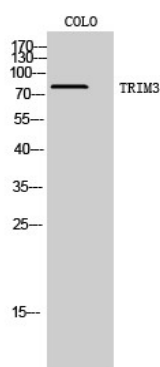


Western blot analysis of lysates from COLO cells, using TRIM3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from Jurkat cells using TRIM3 antibody.

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Western Blot analysis of COLO cells using TRIM3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Note

For research use only.