BT LAB
Bioassay Technology Laboratory
Optimize Your Research

TRIM3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09202
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TRIM3. AA range:1-50
Mol wt	80836
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	TRIM3 Antibody
Synonyms	TRIM3; BERP; RNF22; RNF97; Tripartite motif-containing protein 3; Brain-expressed RING finger protein; RING finger protein 22; RING finger protein 97

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The tripartite motif containing 3 encoded by TRIM3 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

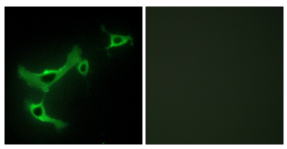
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

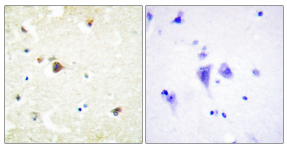
ELISA: 1: 40000

Not yet tested in other applications.

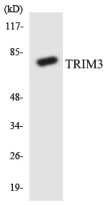
Images



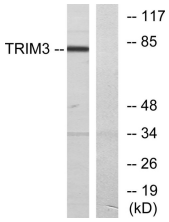
Immunofluorescence analysis of NIH/3T3 cells, using TRIM3 Antibody. The picture on the right is blocked with the synthesized peptide.



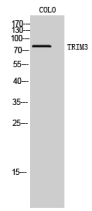
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using TRIM3 Antibody. The picture on the right is blocked with the synthesized peptide.



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



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 COLO cells using TRIM3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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