



TRIM3 Monoclonal Antibody

Catalog No	YP-mAb-04255
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TRIM3
Immunogen	The antiserum was produced against synthesized peptide derived from human TRIM3. AA range:1-50
Specificity	TRIM3 Monoclonal Antibody detects endogenous levels of TRIM3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RNF22;RING finger protein 97;RING finger protein 22;HAC1;FLJ16135;TRIM3; Tripartite motif-containing protein 3;BERP;RNF97;Brain-expressed RING finger protein
Observed Band	81kD
Calculated Molecular Weight	81kD
Cell Pathway	Cytoplasm . Early endosome . Golgi apparatus, trans-Golgi network . Cell projection, dendrite .
Tissue Specificity	Expressed in brain, heart, uterus and testis.
Function	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.,



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],

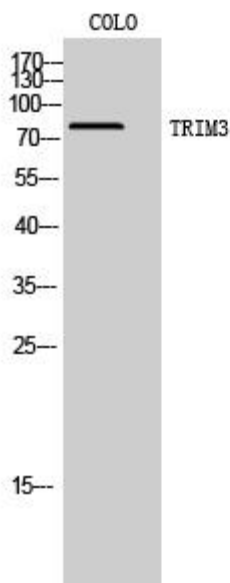
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TRIM3 Monoclonal Antibody