TRIM9 Mouse mAb

Catalog No	YP-mAb-19332
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TRIM9 KIAA0282 RNF91
Protein Name	E3 ubiquitin-protein ligase TRIM9 (RING finger protein 91) (Tripartite motif-containing protein 9)
Immunogen	Synthesized peptide derived from human TRIM9. AA range:1-95
Specificity	This antibody detects endogenous levels of TRIM9 at Human, Mouse,Rat
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	78kD
Cell Pathway	Cytoplasm . Cell projection, dendrite . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle . Cell junction, synapse . Cytoplasm, cytoskeleton . Enriched at synaptic terminals where it exists in a soluble form and a synaptic vesicle-associated form. Associated with the cytoskeleton (By similarity). Found in proximal dendrites of pyramidal neurons in the cerebral cortex and hippocampus, and Purkinje cells in the cerebellum (PubMed:20085810). .
Tissue Specificity	Brain. Highly expressed in the cerebral cortex (at protein level). Severely decreased in the affected brain areas in Parkinson disease and dementia with Lewy bodies.
Function	E3 ubiquitin-protein ligase which ubiquitinates itself in cooperation with an E2 enzyme UBE2D2/UBC4 and serves as a targeting signal for proteasomal degradation. May play a role in regulation of neuronal functions and may also participate in the formation or breakdown of abnormal inclusions in neurodegenerative disorders. May act as a regulator of synaptic vesicle exocytosis by controlling the availability of SNAP25 for the SNARE complex formation.

Background

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