

TRIM9 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11815b**Specification**

TRIM9 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O9C026](#)
Other Accession [NP_055978.4](#), [NP_443210.1](#)

TRIM9 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 114088

Other Names

E3 ubiquitin-protein ligase TRIM9, 632-, RING finger protein 91, Tripartite motif-containing protein 9, TRIM9, KIAA0282, RNF91

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TRIM9 Antibody (C-term) Blocking peptide - Protein Information

Name TRIM9

Synonyms KIAA0282, RNF91

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.

Cellular Location

Cytoplasm. Cell projection, dendrite. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle {ECO:0000250|UniProtKB:Q91ZY8}. Synapse {ECO:0000250|UniProtKB:Q91ZY8} Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q91ZY8}. Note=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). {ECO:0000250|UniProtKB:Q91ZY8, ECO:0000269|PubMed:20085810}

Tissue Location

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

TRIM9 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TRIM9 Antibody (C-term) Blocking peptide - Images**TRIM9 Antibody (C-term) Blocking peptide - Background**

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. 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. The protein localizes to cytoplasmic bodies. Its function has not been identified. Alternate splicing of this gene generates two transcript variants encoding different isoforms.

TRIM9 Antibody (C-term) Blocking peptide - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)