

ARG40068 anti-TRIM9 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TRIM9
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TRIM9
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-160 of Human TRIM9 (NP_055978.4).
Conjugation	Un-conjugated
Alternate Names	EC 6.3.2.-; SPRING; RING finger protein 91; RNF91; E3 ubiquitin-protein ligase TRIM9; Tripartite motif-containing protein 9

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat brain, Mouse brain and HeLa	
Observed Size	79 kDa	

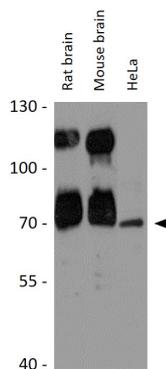
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TRIM9
Gene Full Name	tripartite motif containing 9
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. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	79 kDa
PTM	Auto-ubiquitinated. Poly-ubiquitinated in cultured cells, whereas it is monoubiquitinated in vitro. [UniProt]
Cellular Localization	Cytoplasm. Cell projection, dendrite. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle. Cell junction, synapse. Cytoplasm, cytoskeleton. 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 (Ref.7). [UniProt]

Images



ARG40068 anti-TRIM9 antibody WB image

Western blot: 25 µg of Rat brain, Mouse brain and HeLa cell lysates stained with ARG40068 anti-TRIM9 antibody at 1:3000 dilution.