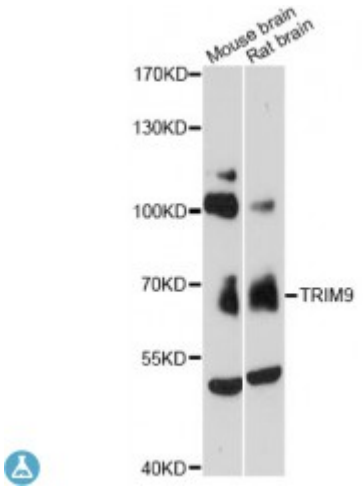
Anti-TRIM9 Antibody



Description	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.

Model	STJ115834
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human TRIM9 (NP_055978.4).
Gene ID	114088
Gene Symbol	TRIM9
Dilution range	WB 1:500 - 1:2000
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
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase TRIM9

Molecular Weight	79.177 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16288OMIM:606555Reactome:R-HSA-983168
Alternative Names	E3 ubiquitin-protein ligase TRIM9
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 Localization	Cytoplasm,
Post-translational Modifications	Auto-ubiquitinated, Poly-ubiquitinated in cultured cells, whereas it is monoubiquitinated in vitro,