



VSTM5 Rabbit mAb

Catalog No	YP-rAb-18489
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	VSTM5,VSTM5;V-set and transmembrane domain-containing protein 5;C11orf90
Protein Name	V-set and transmembrane domain-containing protein 5
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-1:5000;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	VSTM5;V-set and transmembrane domain-containing protein 5;C11orf90
Observed Band	22kD
Calculated Molecular Weight	22kD
Cell Pathway	SUBCELLULAR LOCATION: Cell membrane {ECO:0000250 UniProtKB:Q9D806}; Single-pass type I membrane protein {ECO:0000305}. Cell projection, dendrite {ECO:0000250 UniProtKB:Q9D806}. Cell projection, axon {ECO:0000250 UniProtKB:Q9D806}.
Tissue Specificity	
Function	Cell adhesion-like membrane protein of the central nervous system (CNS) which modulates both the position and complexity of central neurons by altering their membrane morphology and dynamics. Involved in the formation of neuronal dendrites and protrusions including dendritic filopodia. In synaptogenesis, regulates synapse formation by altering dendritic spine morphology and actin distribution. Promotes formation of unstable neuronal spines such as thin and branched types. Regulates neuronal morphogenesis and migration during cortical development in the brain. {ECO:0000250 UniProtKB:Q9D806}.
Background	Predicted to be involved in several processes, including filopodium assembly; positive regulation of excitatory synapse assembly; and protein

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homooligomerization. Predicted to be located in membrane. Predicted to be active in axon; dendrite; and plasma membrane. [provided by Alliance of Genome Resources, Apr 2025]

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.

Western blot analysis of lysates from HeLa cell, primary antibody was diluted at 1:1000, 4 ° over night, Dylight 800 secondary antibody was diluted at 1:10000, 37 ° 1hour.

