

VSTM5 Rabbit pAb

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Catalog # AP54969

Product Information

Application	WB
Primary Accession	A8MXK1
Reactivity	Mouse
Predicted	Rat, Pig, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22377
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human VSTM5
Epitope Specificity	61-150/200
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	387804
Other Names	V-set and transmembrane domain-containing protein 5, VSTM5, C11orf90
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	VSTM5
Synonyms	C11orf90
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.

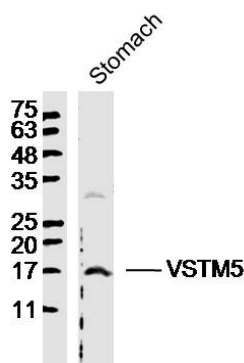
Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9D806}; Single-pass type I membrane protein. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9D806}. Cell projection, axon {ECO:0000250|UniProtKB:Q9D806}

Background

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Images



Sample: Stomach (Mouse) Lysate at 40 ug
Primary: Anti-VSTM5(AP54969) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 19kD
Observed band size: 17kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.