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SCAMP5 Rabbit pAb

Catalog # AP96534

Product Information

Application	WB
Primary Accession	Q8TAC9
Other Accession	Q8TAC9
Reactivity	Mouse
Predicted	Pig, Human, Rabbit, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26104
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SCAMP5
Epitope Specificity	121-220/235
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the SCAMP family. SCAMP5 subfamily.
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	192683
Other Names	Sc5; SCAM5_HUMAN; SCAMP5; Secretory carrier membrane protein 5; hSCAMP5; SCAM5_MOUSE; SCAM5_RAT
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	SCAMP5
Function	Required for the calcium-dependent exocytosis of signal sequence-containing cytokines such as CCL5. Probably acts in cooperation with the SNARE machinery. May play a role in accumulation of expanded polyglutamine (polyQ) protein huntingtin (HTT) in case of endoplasmic reticulum stress by inhibiting the endocytosis pathway.
Cellular Location	Cell membrane; Multi-pass membrane protein. Golgi apparatus membrane;

	Multi-pass membrane protein. Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein. Recycling endosome membrane; Multi-pass membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Multi-pass membrane protein. Note=Mainly localizes in Golgi apparatus membrane. Upon calcium-triggered exocytosis, it translocates to the cell membrane. Highly enriched in synaptic vesicles (By similarity).
Tissue Location	Expressed both by neuronal and non-neuronal tissues. Expressed in brain, stomach, thyroid, spinal cord, lymph node, trachea, adrenal gland, bone marrow and in the different parts of brain. In thyroid tissues, it is expressed by the follicular epithelial cells. In the adrenal gland tissues it is detected in the zona fasciculata of the cortex region (at protein level)

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