10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Scamp5 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14404

Product Information

Application	WB
Primary Accession	Q9JKD3
Other Accession	NM_020270, NP_064666
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Rabbit, Pig, Chicken, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26068

Additional Information

Gene ID	56807
Alias Symbol	AI426171, AW558254, Sc5
Other Names	Secretory carrier-associated membrane protein 5, Secretory carrier membrane protein 5, Scamp5
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Scamp5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Scamp5 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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 (By similarity).
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

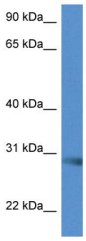
translocates to the cell membrane. Highly enriched in synaptic vesicles (By similarity)

Tissue Location Brain-specific..

References

Fernandez-Chacon R.,et al.J. Neurosci. 20:7941-7950(2000).

Images



WB Suggested Anti-Scamp5 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver