

SCAMP4 Rabbit pAb

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Catalog # AP56632

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q969E2
Predicted	Rat, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25728
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SCAMP4
Epitope Specificity	131-229/229
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.
Background Descriptions	Secretory carrier membrane proteins (SCAMPs) are widely distributed integral membrane proteins implicated in membrane trafficking. Most SCAMPs (e.g., SCAMP1; MIM 606911) have N-terminal cytoplasmic NPF (arg-pro-phe) repeats, 4 central transmembrane regions, and a short C-terminal cytoplasmic tail. These SCAMPs likely have a role in endocytosis that is mediated by their NPF repeats. Other SCAMPs, such as SCAMP4, lack the NPF repeats and are therefore unlikely to function in endocytosis (summary by Fernandez-Chacon and Sudhof, 2000 [PubMed 11050114]).[supplied by OMIM, Feb 2011]

Additional Information

Gene ID	113178
Other Names	Secretory carrier-associated membrane protein 4, Secretory carrier membrane protein 4, SCAMP4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	SCAMP4
Function	Probably involved in membrane protein trafficking.
Cellular Location	Membrane; Multi-pass membrane protein.

Background

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