

SCAMP2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17324c

Product Information

Application	WB, E
Primary Accession	O15127
Other Accession	Q9ERN0 , NP_005688.2
Reactivity	Human, Mouse
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37174
Calculated MW	36649
Antigen Region	119-147

Additional Information

Gene ID	10066
Other Names	Secretory carrier-associated membrane protein 2, Secretory carrier membrane protein 2, SCAMP2
Target/Specificity	This SCAMP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-147 amino acids from the Central region of human SCAMP2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SCAMP2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SCAMP2
Function	Functions in post-Golgi recycling pathways. Acts as a recycling carrier to the cell surface.

Cellular Location	Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein. Recycling endosome membrane; Multi-pass membrane protein
Tissue Location	Widely expressed.

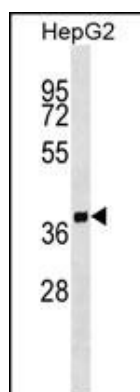
Background

This gene product belongs to the SCAMP family of proteins which are secretory carrier membrane proteins. They function as carriers to the cell surface in post-golgi recycling pathways. Different family members are highly related products of distinct genes, and are usually expressed together. These findings suggest that the SCAMPs may function at the same site during vesicular transport rather than in separate pathways.

References

Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :
Diering, G.H., et al. J. Biol. Chem. 284(20):13892-13903(2009)
Liao, H., et al. Biochemistry 46(38):10909-10920(2007)
Muller, H.K., et al. J. Biol. Chem. 281(39):28901-28909(2006)
Stelzl, U., et al. Cell 122(6):957-968(2005)

Images



SCAMP2 Antibody (Center) (Cat. #AP17324c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the SCAMP2 antibody detected the SCAMP2 protein (arrow).

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