

# **SCAMP2 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17324c

# **Specification**

# SCAMP2 Antibody (Center) - Product Information

Application WB,E
Primary Accession O15127

Other Accession Q9ERNO, NP\_005688.2

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region
Human
Mouse
Rabbit
Polyclonal
Rabbit IgG
119-147

# SCAMP2 Antibody (Center) - 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

### **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.

# SCAMP2 Antibody (Center) - 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** 

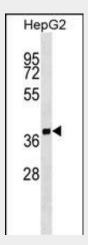
Widely expressed.

# **SCAMP2 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# SCAMP2 Antibody (Center) - Images



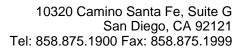
SCAMP2 Antibody (Center) (Cat. #AP17324c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the SCAMP2 antibody detected the SCAMP2 protein (arrow).

# SCAMP2 Antibody (Center) - 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.

# **SCAMP2 Antibody (Center) - 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)