

SMAP1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18881a**Specification**

SMAP1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8IYB5
Other Accession	Q5F413 , Q91VZ6 , NP_001037770.1
Reactivity	Human
Predicted	Mouse, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50386
Antigen Region	87-113

SMAP1 Antibody (N-term) - Additional Information**Gene ID** 60682**Other Names**

Stromal membrane-associated protein 1, SMAP1

Target/Specificity

This SMAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 87-113 amino acids from the N-terminal region of human SMAP1.

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

SMAP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SMAP1 Antibody (N-term) - Protein Information**Name** SMAP1

Function GTPase activating protein that acts on ARF6. Plays a role in clathrin-dependent endocytosis. May play a role in erythropoiesis (By similarity).

Cellular Location

Cell membrane; Peripheral membrane protein; Cytoplasmic side

Tissue Location

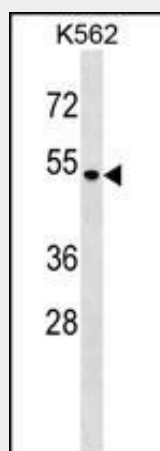
Detected in bone marrow, adrenal gland, trachea, lymph node, spinal cord, peripheral blood leukocytes, thyroid and stomach.

SMAP1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SMAP1 Antibody (N-term) - Images



SMAP1 Antibody (N-term)(Cat. #AP18881a) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the SMAP1 antibody detected the SMAP1 protein (arrow).

SMAP1 Antibody (N-term) - Background

The protein encoded by this gene is similar to the mouse stromal membrane-associated protein-1. This similarity suggests that this human gene product is also a type II membrane glycoprotein involved in the erythropoietic stimulatory activity of stromal cells. Alternate splicing results in multiple transcript variants encoding different isoforms.

SMAP1 Antibody (N-term) - References

Barragan, I., et al. Int. J. Mol. Med. 16(6):1163-1167(2005)

Tanabe, K., et al. Mol. Biol. Cell 16(4):1617-1628(2005)
Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)
Marcos, I., et al. Gene 292 (1-2), 167-171 (2002) :