

SMAP1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18881a

Product Information

Application	WB, E
Primary Accession	Q8IYB5
Other Accession	Q5F413 , Q91VZ6 , NP_001037770.1
Reactivity	Human
Predicted	Mouse, Chicken, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39875
Calculated MW	50386
Antigen Region	87-113

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.

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.

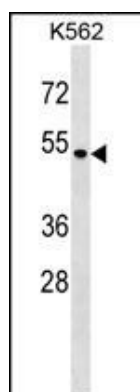
Background

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.

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) :

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).

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