

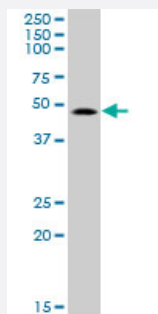
MaxPab®

SMAP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00060682-B01P

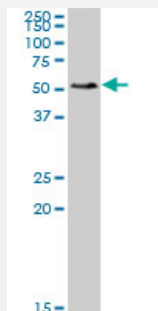
Size 50 ug

Applications



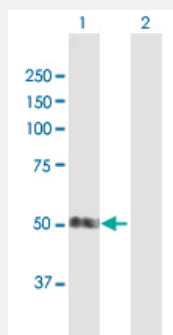
Western Blot (Cell lysate)

SMAP1 MaxPab polyclonal antibody. Western Blot analysis of SMAP1 expression in K-562.



Western Blot (Cell lysate)

SMAP1 MaxPab polyclonal antibody. Western Blot analysis of SMAP1 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of SMAP1 expression in transfected 293T cell line ([H00060682-T01](#)) by SMAP1 MaxPab polyclonal antibody.

Lane 1: SMAP1 transfected lysate(48.4 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SMAP1 protein.

Immunogen	SMAP1 (NP_068759.2, 1 a.a. ~ 440 a.a) full-length human protein.
Sequence	MATRSCREKAQKLNEQHQLILSKLLREEDNKYCADCEAKGPRWASWNIGVFICIRCAGIHRNLGV HISRVKSVNLDQWTAEQIQCMQDMGNTKARLLYEANLPENFRRPQTDQAVEFFIRDKYEKKKYYD KNAIAITNKEKEKKKEKKREKEPEKPAKPLTAEKLQKKDQQLPEPKKSTSPKAAEPTVDLLGLD GPAVAPVTNGNTTVPPLNDDLDIFGPMISNPLPATVMPPAQGTSPAPAAATLSTVTSGLDLDFTE QTTKSEEVAKKQLSKDSILSLYGTGTIQQQSTPGVFMGPTNIPFTSQAPAAFQGFPMSGVVPVAA PGLIGNVMGQSPSMMVGMPMPNGFMGNAQTGVMPLPQNVVGPQGGMVGMGAPQSKFGLPQ AQQPQWLSLQMNQMQMAGMISSATPTAGFGQPSSTTAGWSGSSSGQTLSTQLWK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SMAP1 MaxPab polyclonal antibody. Western Blot analysis of SMAP1 expression in K-562.

[Protocol Download](#)

- Western Blot (Cell lysate)

SMAP1 MaxPab polyclonal antibody. Western Blot analysis of SMAP1 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SMAP1 expression in transfected 293T cell line ([H00060682-T01](#)) by SMAP1 MaxPab polyclonal antibody.

Lane 1: SMAP1 transfected lysate(48.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SMAP1

Entrez GeneID	60682
GeneBank Accession#	NM_021940.3
Protein Accession#	NP_068759.2
Gene Name	SMAP1
Gene Alias	FLJ13159, FLJ42245, SMAP-1
Gene Description	small ArfGAP 1
Omim ID	611372
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000016708 OTTHUMP00000016709 stromal membrane-associated GTPase-activating protein 1

Publication Reference

- [Pals1 functions in redundancy with SMAP1 to inhibit Arf6 in order to prevent Rac1-dependent colorectal cancer cell migration and invasion.](#)

Julia Harms, Simona Mareike Lüttgenau, Christin Emming, Justine Guske, Katrin Weber, Thomas Wagner, Larissa Schowe, Pavel Nedvetsky, Michael P Krahn.

Cancer Gene Therapy 2023 Mar; 30(3):497.

Application: WB-Ce, Human, Caco-2, DLD1, HCT116, RKO, SW48 cells

Pathway

- [Endocytosis](#)