

SMAP1 Polyclonal antibody

Catalog Number: 12799-1-AP

Basic Information

Catalog Number:

12799-1-AP

Size:

900 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3544

GenBank Accession Number:

BC036123

GeneID (NCBI):

60682

UNIPROT ID:

Q8IYB5

Full Name:

small ArfGAP 1

Calculated MW:

467 aa, 50 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:600-1:2400

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0**; (*) Alternatively, antigen retrieval may be performed with **citrate buffer pH 6.0**

Positive Controls:

WB: NIH/3T3 cells, human adrenal gland tissue, human plasma, mouse brain tissue, rat lymph tissue

IHC: human stomach tissue,

Background Information

SMAP1, also named as FLJ13159 and SMAP 1, contains a Arf-GAP domain. SMAP1 is a GTPase activating protein for ARF6 that binds clathrin and regulates clathrin-dependent endocytosis. SMAP1 may play a role in erythropoiesis. This antibody is a rabbit polyclonal antibody raised against residues near the N terminus of human SMAP1.

Storage

Storage:

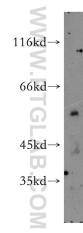
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

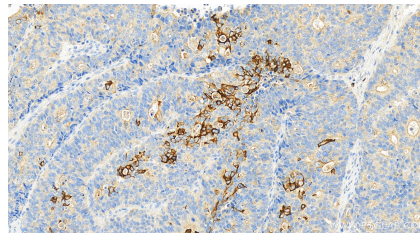
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 12799-1-AP (SMAP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded normal stomach slide using 12799-1-AP (SMAP1 antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).