

SMAGP Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58331**Specification****SMAGP Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q0VAQ4
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SMAGP
Epitope Specificity	24-80/97
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Single-pass type III membrane protein. Cytoplasmic vesicle membrane; Single-pass type III membrane protein. Note=Predominantly on lateral parts of the membrane, at cell-cell epithelial junctions. Detected on cytoplasmic membranes in undifferentiated tumors.
SIMILARITY	Belongs to the SMAGP family.
Post-translational modifications	O-glycosylated. The O-glycan is modified with sialic acid residues.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

SMAGP Polyclonal Antibody - Additional Information**Gene ID** 57228**Other Names**

Small cell adhesion glycoprotein, Small transmembrane and glycosylated protein, SMAGP

Target/Specificity

Detected in breast, endometrium, colon and biliary tract. Detected in polarized epithelial structures characterized by cell-cell adhesion (at protein level).

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \><span class =

=<div>"dilution_IHC-F">IHC-F~~N/A</div><div><br \><div class="dilution_IF">IF~~1:50~200</div><div><br \><div class="dilution_E">E~~N/A</div>

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SMAGP Polyclonal Antibody - Protein Information**Name** SMAGP**Function**

May play a role in epithelial cell-cell contacts. May play a role in tumor invasiveness and metastasis formation.

Cellular Location

Cell membrane; Single-pass type III membrane protein. Cytoplasmic vesicle membrane; Single-pass type III membrane protein. Note=Predominantly on lateral parts of the membrane, at cell-cell epithelial junctions (PubMed:15021913) Detected on cytoplasmic membranes in undifferentiated tumors (PubMed:15986429).

Tissue Location

Detected in breast, endometrium, colon and biliary tract. Detected in polarized epithelial structures characterized by cell-cell adhesion (at protein level).

SMAGP Polyclonal Antibody - 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](#)

SMAGP Polyclonal Antibody - Images