

**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                | <a href="#">Q0VAQ4</a>  |
| 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   |
| <b>Purity</b>                    | 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.<br>Belongs to the SMAGP family.<br>O-glycosylated. The O-glycan is modified with sialic acid residues. |
| SIMILARITY                       |   |
| Post-translational modifications |   |
| 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**

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

= "dilution\_IHC-F" > IHC-F~~N/A </span> <br /> <span class = "dilution\_IF" > IF~~1:50~200 </span> <br /> <span class = "dilution\_E" > E~~N/A </span>

**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**