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SMAGP Rabbit pAb

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Catalog # AP58331

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q0VAQ4
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10679
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	57228
Other Names	Small cell adhesion glycoprotein, Small transmembrane and glycosylated protein, SMAGP
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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).

Background

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