

## SMAGP Antibody

Catalog No: #37954

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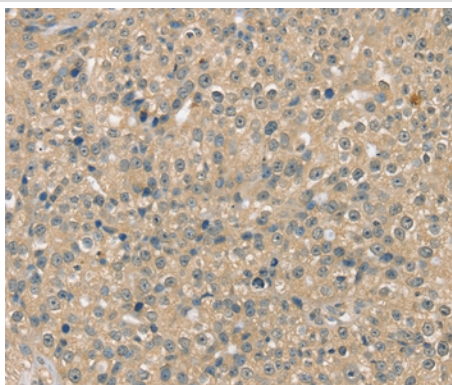
## Description

Product Name	SMAGP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SMAGP protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human small cell adhesion glycoprotein
Target Name	SMAGP
Other Names	hSMAGP
Accession No.	Swiss-Prot#: Q0VAQ4NCBI Gene ID: 57228Gene Accssion: NP_001026798/Q0VAQ4
Uniprot	Q0VAQ4
GeneID	57228;
Concentration	2.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

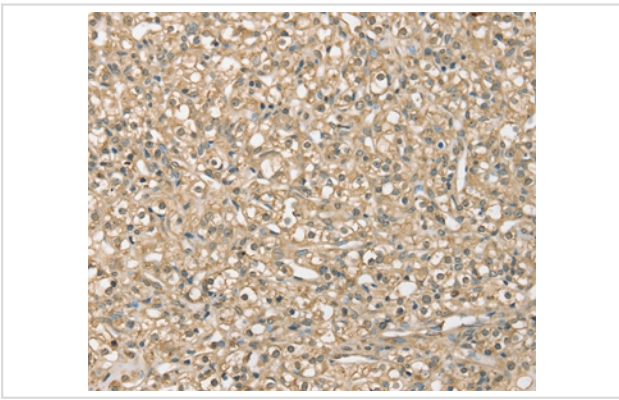
## Application Details

Immunohistochemistry: 1:25-1:100

## Images



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #37954 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #37954 at dilution 1/40.

## Background

SMAGP (small transmembrane and glycosylated protein) is a 97 amino acid single-pass type III membrane protein that localizes to the membrane of cytoplasmic vesicles. Existing as a murine-specific protein, SMAGP is thought to play a role in epithelial cell-cell contacts and, via its ability to control cell adhesion, may be involved in tumor formation, as well as overall tumor invasiveness and metastasis. SMAGP is subject to post-translational O-glycosylation which is thought to be modified with sialic acid residues. The gene encoding SMAGP maps to murine chromosome 15.

Note: This product is for in vitro research use only