

PAPSS1 Antibody

Catalog No: #36177

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

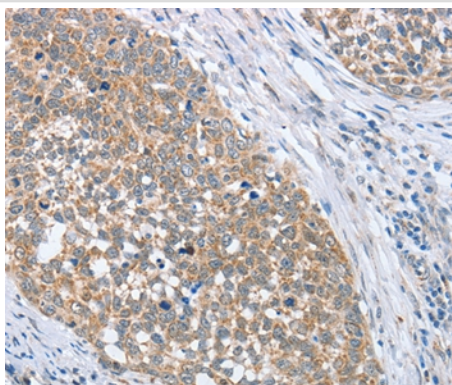
Description

Product Name	PAPSS1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PAPSS1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human 3'-phosphoadenosine 5'-phosphosulfate synthase 1
Target Name	PAPSS1
Other Names	SK1; PAPSS; ATPSK1
Accession No.	Swiss-Prot#: O43252NCBI Gene ID: 9061Gene Accssion: BC050627
Uniprot	O43252
GeneID	9061;
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

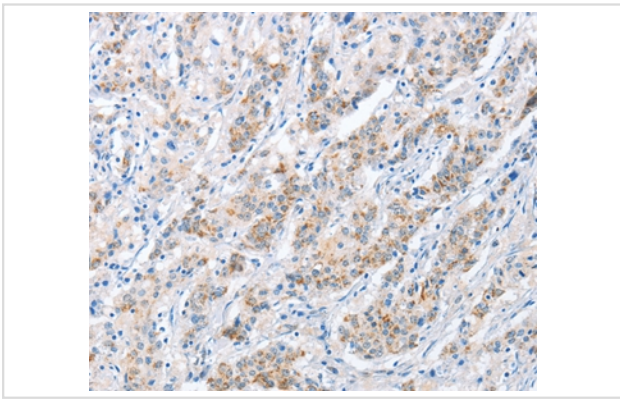
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36177 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #36177 at dilution 1/40.

Background

Three-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS) is the sulfate donor cosubstrate for all sulfotransferase (SULT) enzymes (Xu et al., 2000 [PubMed 10679223]). SULTs catalyze the sulfate conjugation of many endogenous and exogenous compounds, including drugs and other xenobiotics. In humans, PAPS is synthesized from adenosine 5-prime triphosphate (ATP) and inorganic sulfate by 2 isoforms, PAPSS1 and PAPSS2.

Note: This product is for in vitro research use only