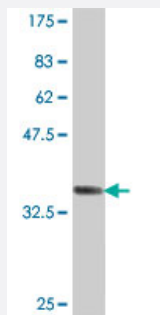


PAPSS1 polyclonal antibody (A01)

Catalog # H00009061-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.1 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PAPSS1.
Immunogen	PAPSS1 (NP_005434, 144 a.a. ~ 252 a.a) partial recombinant protein with GST tag.
Sequence	QIHEGASLPFFEVEFVDAPLHVCEQRDVKGLYKKARAGEIKGFTGIDSEYEKPEAPELVLKTDS CVNDQVQVVELLQERDMPVDASYEVKELVYPENKLHLAKTDAE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (90)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.1 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PAPSS1

Entrez GeneID [9061](#)

GeneBank Accession# [NM_005443](#)

Protein Accession# [NP_005434](#)

Gene Name PAPSS1

Gene Alias ATPSK1, PAPSS, SK1

Gene Description 3'-phosphoadenosine 5'-phosphosulfate synthase 1

Omim ID [603262](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 (MIM 603005).[supplied by OMIM]

Other Designations 3-prime-phosphoadenosine 5-prime-phosphosulfate synthase 1

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Selenoamino acid metabolism](#)
- [Sulfur metabolism](#)

Disease

- [Alcoholism](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Liver Neoplasms](#)