

## Datasheet for ABIN1387424 anti-PAPSS1 antibody



[Go to Product page](#)

### Overview

Quantity:	100 µL
Target:	PAPSS1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAPSS1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PAPSS1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	PAPSS1
Alternative Name:	PAPSS1 ( <a href="#">PAPSS1 Products</a> )
Background:	Synonyms: Adenylyl-sulfate kinase, Adenylylsulfate 3"-phosphotransferase, APS kinase, ATP-sulfurylase, ATPSK 1, ATPSK1, Bunctional 3' phosphoadenosine 5' phosphosulfate synthetase 1, PAPS synthase 1, PAPS synthetase 1, PAPS1_HUMAN, PAPSS 1, PAPSS, PAPSS1, SAT, SK 1,

## Target Details

SK1, Sulfate adenylate transferase, Sulfurylase kinase 1, 3 prime phosphoadenosine 5 prime phosphosulfate synthase 1, 3' phosphoadenosine 5' phosphosulfate synthase 1, 3"-phosphoadenosine-5"-phosphosulfate synthase, Adenosine-5"-phosphosulfate 3"-phosphotransferase.

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 (MIM 603005).[supplied by OMIM, Mar 2008].

Gene ID:	9061
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months