Datasheet for ABIN6145215

anti-PAPSS1 antibody (AA 190-260)

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Overview

Quantity:	100 µL
Target:	PAPSS1
Binding Specificity:	AA 190-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAPSS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 190-260 of human PAPSS1 (NP_005434.4).
Sequence:	SEYEKPEAPE LVLKTDSCDV NDCVQQVVEL LQERDIVPVD ASYEVKELYV PENKLHLAKT DAETLPALKI N
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PAPSS1

Target Details

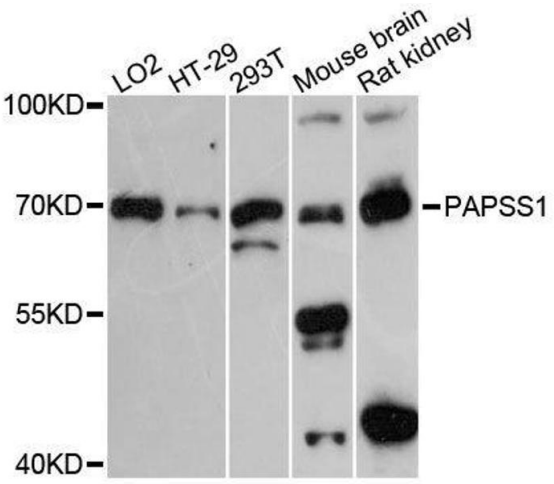
Alternative Name:	PAPSS1 (PAPSS1 Products)
Background:	Three-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS) is the sulfate donor cosubstrate for all sulfotransferase (SULT) enzymes (Xu et al., 2000 [PubMed 10679223]). SULTs catalyze the sulfate conjugation of many endogenous and exogenous compounds, 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],PAPSS1,ATPSK1,PAPSS,SK1,PAPSS1
Molecular Weight:	70 kDa
Gene ID:	9061
UniProt:	O43252
Pathways:	Glycosaminoglycan Metabolic Process, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PAPSS1 antibody.

