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Datasheet for ABIN7465687 anti-PAPSS2 antibody



Overview

Quantity:	100 µL
Target:	PAPSS2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAPSS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PAPSS2. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PAPSS2
Alternative Name:	3'-phosphoadenosine 5'-phosphosulfate synthase 2 (PAPSS2 Products)
Background:	3'-phosphoadenosine 5'-phosphosulfate synthase 2 , ATPSK2 , BCYM4 , SK2,Sulfation is a
	common modification of endogenous (lipids, proteins, and carbohydrates) and exogenous

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Target Details

(xenobiotics and drugs) compounds. In mammals, the sulfate source is 3'-phosphoadenosine
5'-phosphosulfate (PAPS), created from ATP and inorganic sulfate. Two different tissue
isoforms encoded by different genes synthesize PAPS. This gene encodes one of the two PAPS
synthetases. Defects in this gene cause the Pakistani type of spondyloepimetaphyseal
dysplasia. Two alternatively spliced transcript variants that encode different isoforms have
been described for this gene. [provided by RefSeq]

Molecular Weight:	70 kDa
Gene ID:	9060
UniProt:	095340
Pathways:	Glycosaminoglycan Metabolic Process, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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