



Datasheet for ABIN7253605 anti-PAPSS2 antibody



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3 Images

Overview

Quantity:	200 µL
Target:	PAPSS2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAPSS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human PAPSS2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	PAPSS2
Alternative Name:	PAPSS2 (PAPSS2 Products)
Background:	Sulfation is a common modification of endogenous (lipids, proteins, and carbohydrates) and exogenous (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

Target Details

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.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 70 kDa

UniProt: [O95340](#)

Pathways: [Glycosaminoglycan Metabolic Process](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB 1:1000-1:5000, IHC 1:80-1:400, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.68 mg/mL

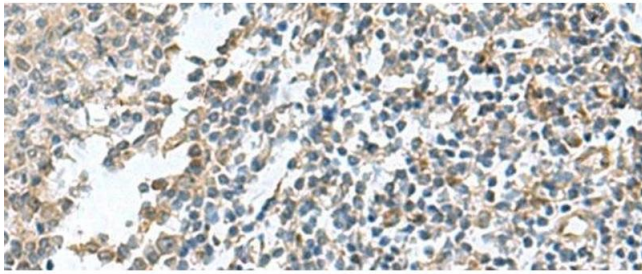
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

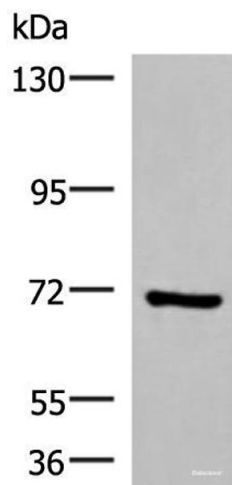
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



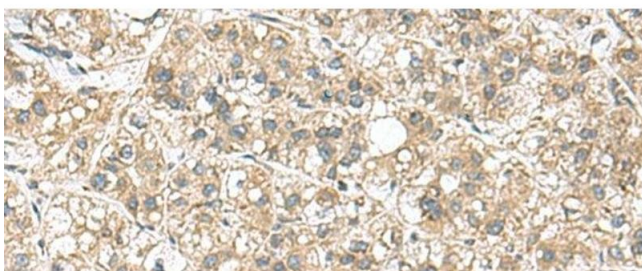
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil tissue using PAPSS2 Polyclonal Antibody at dilution of 1:95(x200)



Western Blotting

Image 2. Western blot analysis of HepG2 cell lysate using PAPSS2 Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PAPSS2 Polyclonal Antibody at dilution of 1:95(x200)