



[Go to Product page](#)

Datasheet for ABIN7163417
anti-PSAT1 antibody (AA 104-206)

2 Images

Overview

Quantity:	100 µg
Target:	PSAT1
Binding Specificity:	AA 104-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSAT1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Phosphoserine aminotransferase protein (104-206AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PSAT1
Alternative Name:	PSAT1 (PSAT1 Products)
Background:	Background: Catalyzes the reversible conversion of 3-phosphohydroxypyruvate to phosphoserine and of 3-hydroxy-2-oxo-4-phosphonoxybutanoate to

Target Details

phosphohydroxythreonine.

Aliases: EC 2.6.1.52 antibody, Endometrial progesterone induced protein antibody, EPIP antibody, MGC1460 antibody, NLS2 antibody, Phosphohydroxythreonine aminotransferase antibody, phosphoserine aminotransferase 1 antibody, Phosphoserine aminotransferase antibody, PSA antibody, PSAT antibody, Psat1 antibody, PSATD antibody, SERC_HUMAN antibody

UniProt: [Q9Y617](#)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

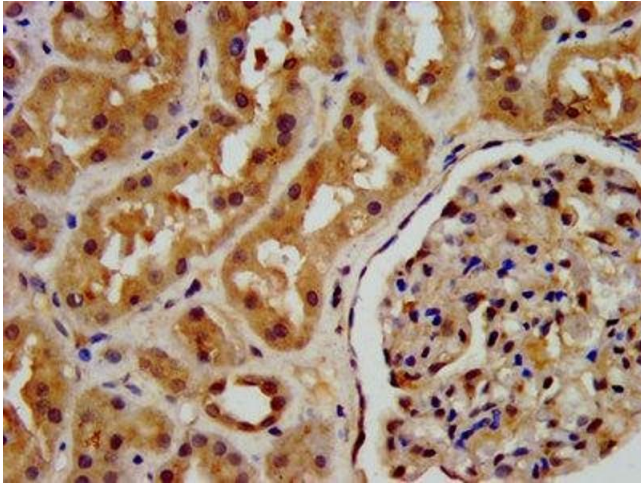
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

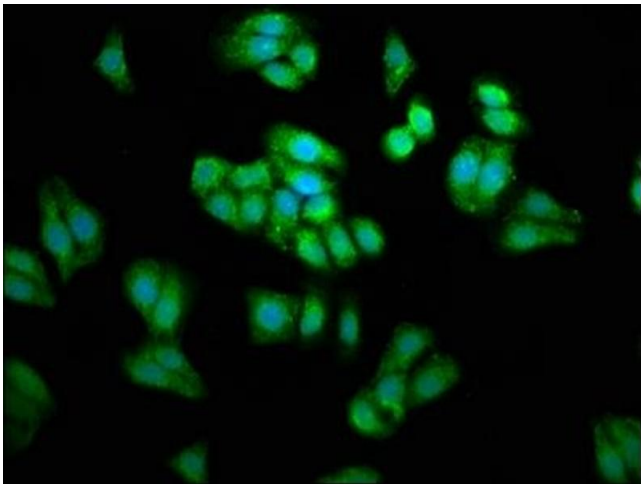
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7163417 diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system.



Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7163417 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).