

Rabbit anti-Human PSAT1 Polyclonal Antibody | anti-PSAT1 antibody

PSAT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234421	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

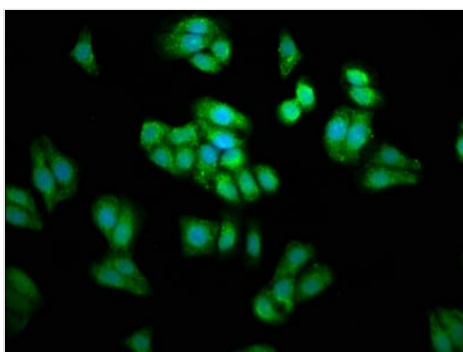
PRODUCT SYNONYMS

PSAT1; Polyclonal Antibody; PSAT1 Antibody; Phosphoserine aminotransferase; Phosphohydroxythreonine aminotransferase; PSAT; PSA; anti-PSAT1 antibody

PRODUCT SPECIFICATIONS

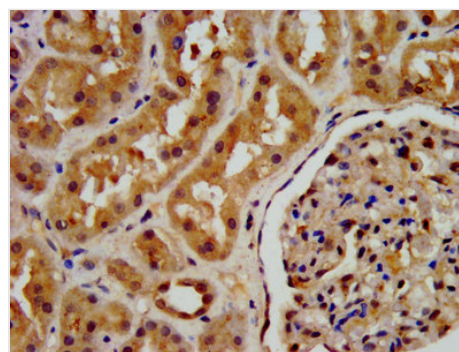
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	324
Applicable Applications for anti-PSAT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Phosphoserine aminotransferase protein (104-206AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234421 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234421 diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system.

ADDITIONAL INFORMATION

Related Product Information for anti-PSAT1 antibody	Catalyzes the reversible conversion of 3-phosphohydroxypyruvate to phosphoserine and of 3-hydroxy-2-oxo-4-phosphonooxybutanoate to phosphohydroxythreonine.
Product Categories/Family for anti-PSAT1 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863955
NCBI GeneID	29968
NCBI Accession #	NP_066977.1
NCBI GenBank Nucleotide #	NM_021154.4
UniProt Accession #	Q9Y617; Q5T7G5; Q5T7G6; Q96AW2; Q9BQ12
Molecular Weight	35,189 Da
NCBI Official Full Name	phosphoserine aminotransferase isoform 2
NCBI Official Synonym Full Names	phosphoserine aminotransferase 1
NCBI Official Symbol	PSAT1
NCBI Official Synonym Symbols	PSA; EPIP; NLS2; PSAT; PSATD
NCBI Protein Information	phosphoserine aminotransferase
UniProt Protein Name	Phosphoserine aminotransferase
UniProt Gene Name	PSAT1
UniProt Synonym Gene Names	PSA; PSAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/psat1-antibody-immunofluorescence-immunohistochemistry-elisa/234421>