

Rabbit PSAT1 Polyclonal Antibody | anti-PSAT1 antibody

PSAT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279984	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

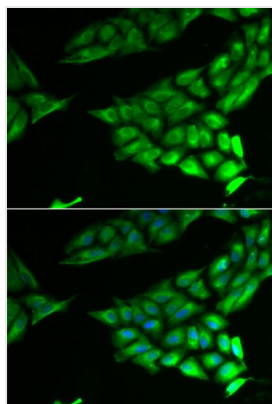
PRODUCT SYNONYMS

PSAT1; Polyclonal Antibody; PSAT1 Polyclonal Antibody; PSA; EPIP; PSAT; anti-PSAT1 antibody

PRODUCT SPECIFICATIONS

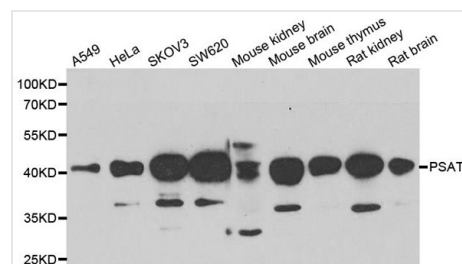
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	370
Applicable Applications for anti-PSAT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PSAT1
Calculated Molecular Weight	40kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PSAT1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSAT1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PSAT1 antibody	This gene encodes a member of the class-V pyridoxal-phosphate-dependent aminotransferase family. The encoded protein is a phosphoserine aminotransferase and decreased expression may be associated with schizophrenia. Mutations in this gene are also associated with phosphoserine aminotransferase deficiency. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 1, 3, and 8.
Product Categories/Family for anti-PSAT1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20141815
NCBI GeneID	29968
UniProt Accession #	Q9Y617; Q5T7G5; Q5T7G6; Q96AW2; Q9BQ12
Molecular Weight	370
NCBI Official Full Name	Phosphoserine aminotransferase
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; endometrial progesterone-induced protein; phosphohydroxythreonine aminotransferase
UniProt Protein Name	Phosphoserine aminotransferase
UniProt Gene Name	PSAT1
UniProt Synonym Gene Names	PSA; PSAT
UniProt Entry Name	SERC_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/psat1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279984>