

Rabbit PSAT1 Polyclonal Antibody | anti-PSAT1 antibody

PSAT1 Polyclonal Antibody

CATALOG # AAA281190	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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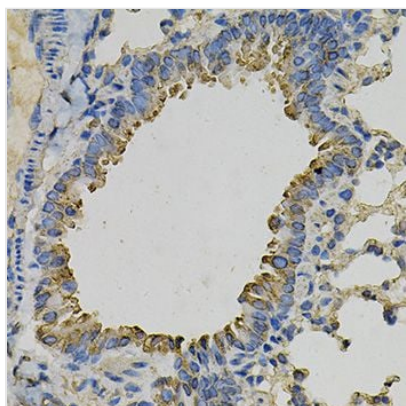
PRODUCT SYNONYMS

PSAT1; Polyclonal Antibody; PSAT1 Polyclonal Antibody; EPIP; NLS2; PSA; PSAT; PSATD; anti-PSAT1 antibody

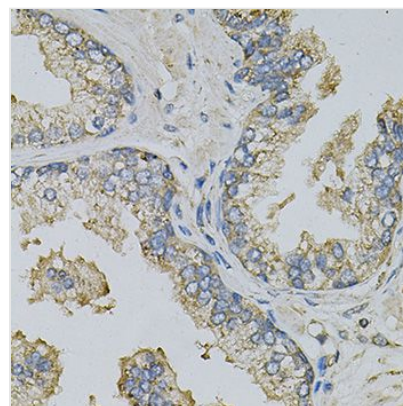
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MDAPRQVVNF GPGPAKLPHS VLLEIQKELL DYKGVGISVL EMSHRSSDFA KIINNTENLV REL LAVPDNY KVIFLQGGGC GQFSAVPLNL IGLKAGRCAD YVVTGAWSAK AEEEAKKFGT INIVHPKLGS YTKIPDPSTW NLNPDASYVY YCANETVHGV EFDVIPDVKG AVLVCDMSSN FLSKPVDVSK FGVIFAGA QK NVGSAGVTVV IVRDDLLGFA LRECPSVLEY KVQAGNSSLY NTPPCFSIYV MGLVL
Sequence Length	324
Applicable Applications for anti-PSAT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSAT1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

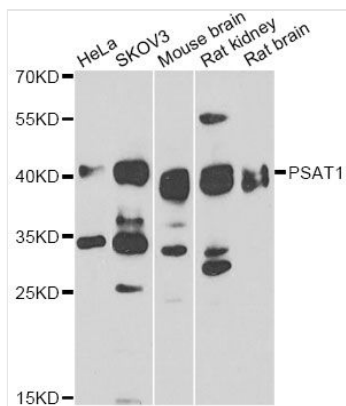
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse lung using PSAT1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate using PSAT1 Antibody at dilution of 1:100 (40x lens).



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 Antibodies

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	Calculated: 35kDa; 40kDa Observed: 40kDa
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.