

Datasheet for ABIN6146286
anti-PSAT1 antibody (AA 1-370)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	PSAT1
Binding Specificity:	AA 1-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-370 of human PSAT1 (NP_478059.1).
Sequence:	MDAPRQVVNF GPGPAKLPHS VLLEIQKELL DYKGVGISVL EMSHRSSDFA KIINNTENLV RELLAVPDNY KVIFLQGGGC GQFSVPLNL IGLKAGRCAD YVVTGAWSAK AAEEAKKFGT INIVHPKLG S YTKIPDPSTW NLNPDASYVY YCANETVHGV EFDVIPDVKG AVLVCDMSSN FLSKPVDVSK FGVIFAGA QK NVGSAGVTVV IVRDDLLGFA LRECPSVLEY KVQAGNSSLY NTPPCFSIYV MGLVLEWIKN NGGAAAMEKL SSIKSQTIYE IIDNSQGFYV CPVEPQNRSK MNIPFRIGNA KGDDALEKRF LDKALELNML SLKGHRVGG IRASLYNAV T IEDVQKLA AF MKKFLEMHQL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

Product Details

Characteristics: Polyclonal Antibodies

Target Details

Target: PSAT1

Alternative Name: PSAT1 ([PSAT1 Products](#))

Background: 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.,PSAT1,EPIP,NLS2,PSA,PSAT,PSATD,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,PSAT1

Molecular Weight: 35 kDa/40 kDa

Gene ID: 29968

UniProt: [Q9Y617](#)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:10 - 1:100

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

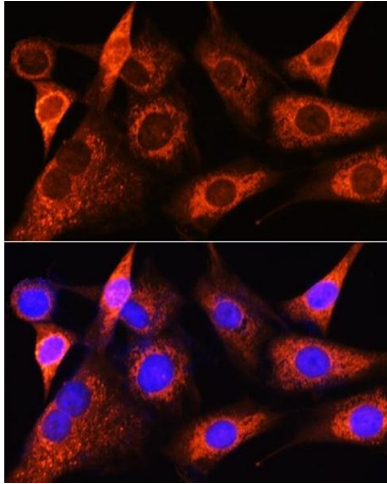
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

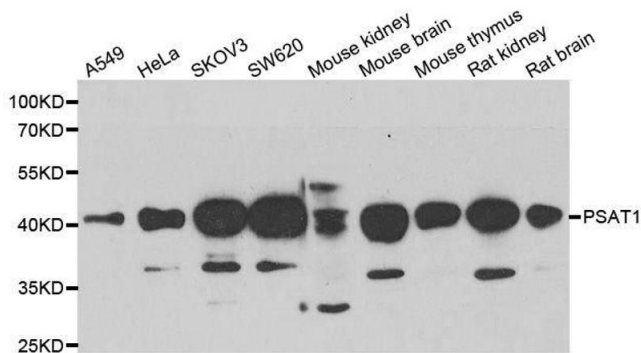
Storage: -20 °C

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



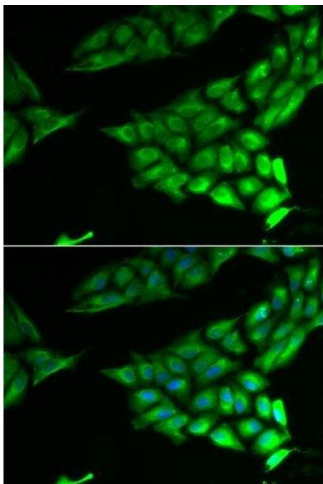
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH-3T3 cells using PS Rabbit pAb (ABIN6132524, ABIN6146286, ABIN6146288 and ABIN6222421) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PSAT1 antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of U2OS cells using PSAT1 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6146286.