Product Datasheet

PSAT1 Rabbit Polyclonal Antibody

Catalog No: #53804

Package Size: #53804-1 50ul #53804-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

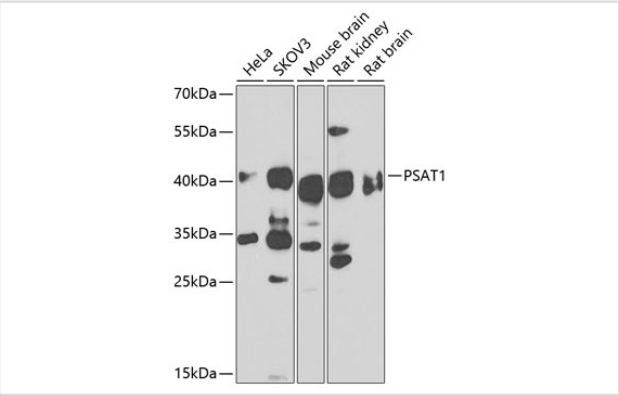
Description

Product Name	PSAT1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human PSAT1 (NP_478059.1).
Conjugates	Unconjugated
Other Names	PSAT1;EPIP;NLS2;PSA;PSAT;PSATD
Accession No.	Uniprot:Q9Y617GeneID:29968
Calculated MW	35kDa/40kDa
SDS-PAGE MW	40kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB□1:500 - 1:2000

Images



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

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.

Published Papers

el at., Serine Metabolism Regulates the Replicative Senescence of Human Dental Pulp Cells through Histone Methylation. In Curr Issues Mol Biol on 2024 Mar 24 by Shuhan Zhou, Jingyao Cui,et al..PMID:38666909, , (2024)

PMID:38666909

Note: This product is for in vitro research use only and is not intended for use in humans or animals.