

## PSAT1

**Reactivity:** Human

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

**Calculated MW:** 40kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human PSAT1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PSA; EPIP; PSAT;

**Catalog #:** A6707

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 29968

**Isotype:** IgG

**Swiss Prot:** Q9Y617

**Purity:** Affinity purification

For research use only.

**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.

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