

**SAT1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56621****Specification****SAT1 Polyclonal Antibody - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IHC-P, IHC-F, IF, ICC |
| Primary Accession | <a href="#">P21673</a>    |
| Reactivity        | Rat, Pig, Dog, Bovine     |
| Host              | Rabbit                    |
| Clonality         | Polyclonal                |
| Calculated MW     | 20024                     |

**SAT1 Polyclonal Antibody - Additional Information****Gene ID** 6303**Other Names**

Diamine acetyltransferase 1, 2.3.1.57, Polyamine N-acetyltransferase 1, Putrescine acetyltransferase, Spermidine/spermine N(1)-acetyltransferase 1, SSAT, SSAT-1, SAT1 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=10540](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=10540)), SAT

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**SAT1 Polyclonal Antibody - Protein Information****Name** SAT1 ([HGNC:10540](#))**Synonyms** SAT**Function**

Enzyme which catalyzes the acetylation of polyamines (PubMed:[15283699](http://www.uniprot.org/citations/15283699), PubMed:[16455797](http://www.uniprot.org/citations/16455797), PubMed:[17516632](http://www.uniprot.org/citations/17516632)). Substrate specificity: norspermidine = spermidine >> spermine > N(1)- acetylspermine (PubMed:[17516632](http://www.uniprot.org/citations/17516632)). This highly regulated enzyme allows a fine attenuation of the intracellular concentration of polyamines (PubMed:[16455797](http://www.uniprot.org/citations/16455797)). Also involved in the regulation of polyamine transport out of cells (PubMed:[16455797](http://www.uniprot.org/citations/16455797)). Also acts on 1,3- diaminopropane and 1,5-diaminopentane (PubMed:[16455797](http://www.uniprot.org/citations/16455797)).

href="http://www.uniprot.org/citations/16455797" target="\_blank">16455797</a>, PubMed:<a href="http://www.uniprot.org/citations/17516632" target="\_blank">17516632</a>).

**Cellular Location**

Cytoplasm, cytosol

**SAT1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SAT1 Polyclonal Antibody - Images**