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Anti-SAT1 / SAT Antibody (aa5-171)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18545

Product Information

Application	WB, IHC-P, E
Primary Accession	P21673
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	20024
Concentration (mg/ml)	0.6 mg/ml

Additional Information

Gene ID	6303
Alias Symbol	SAT1
Other Names	SAT1, DC21, Diamine acetyltransferase 1, Diamine acetyltransferase, Diamine N-acetyltransferase 1, KFSD, KFSDX, Putrescine acetyltransferase, SAT, SSAT, SSAT-1
Target/Specificity	Human SAT1 / SAT
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-SAT1 / SAT Antibody (aa5-171) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SAT1 (HGNC:10540)
Synonyms	SAT
Function	Enzyme which catalyzes the acetylation of polyamines (PubMed: 15283699, PubMed:16455797, PubMed:17516632). Substrate specificity: norspermidine = spermidine >> spermine > N(1)- acetylspermine (PubMed:17516632). This highly regulated enzyme allows a fine attenuation of the intracellular concentration of polyamines (PubMed:16455797). Also involved in the regulation of polyamine transport out of cells (PubMed:16455797). Also acts on 1,3- diaminopropane and 1,5-diaminopentane (PubMed:16455797, PubMed:17516632).
Cellular Location	Cytoplasm, cytosol

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.