

Datasheet for ABIN7149863
anti-SAT1 antibody (AA 5-171)



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2 Images

Overview

Quantity:	100 µg
Target:	SAT1
Binding Specificity:	AA 5-171
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAT1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Diamine acetyltransferase 1 protein (5-171AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SAT1
Alternative Name:	SAT1 (SAT1 Products)
Background:	Background: Enzyme which catalyzes the acetylation of polyamines. Substrate specificity: norspermidine = spermidine >> spermine > N(1)-acetylspermine > putrescine. This highly

Target Details

regulated enzyme allows a fine attenuation of the intracellular concentration of polyamines. Also involved in the regulation of polyamine transport out of cells. Acts on 1,3-diaminopropane, 1,5-diaminopentane, putrescine, spermidine (forming N(1)- and N(8)-acetylspermidine), spermine, N(1)-acetylspermidine and N(8)-acetylspermidine.

Aliases: DC21 antibody, Diamine acetyltransferase 1 antibody, Diamine N acetyltransferase 1 antibody, EC 2.3.1.57 antibody, KFSD antibody, KFSDX antibody, Polyamine N acetyltransferase 1 antibody, Polyamine N-acetyltransferase 1 antibody, Putrescine acetyltransferase antibody, SAT antibody, SAT1 antibody, SAT1_HUMAN antibody, Spermidine/spermine N(1) acetyltransferase 1 antibody, Spermidine/spermine N(1)-acetyltransferase 1 antibody, Spermidine/spermine N1 acetyltransferase 1 antibody, Spermidine/spermine N1 acetyltransferase alpha antibody, SSAT 1 antibody, SSAT antibody, SSAT-1 antibody

UniProt: [P21673](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

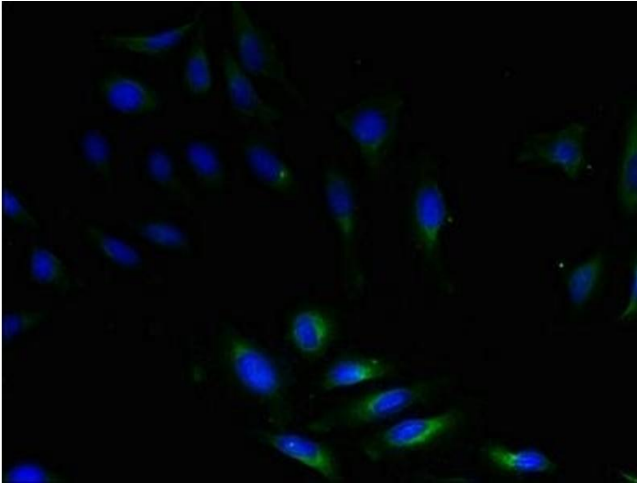
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

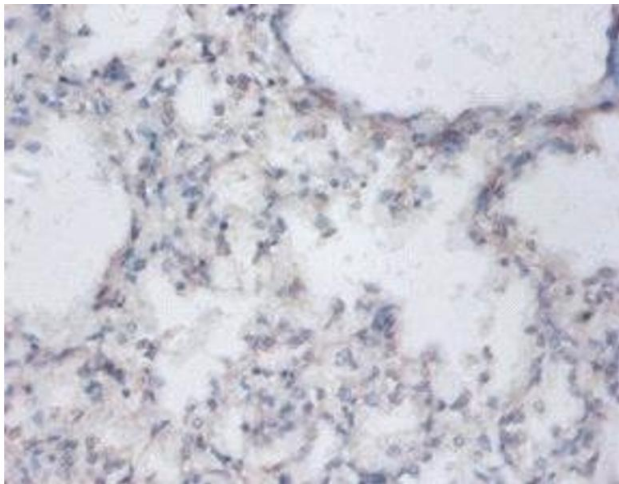
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7149863 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7149863 at dilution of 1:100