Sulfate anion transporter 1 Polyclonal Antibody

Catalog No: #42375

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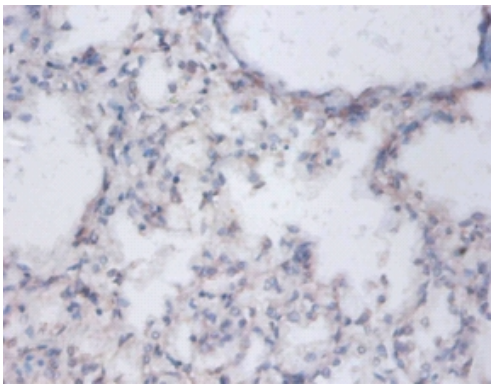
Description

Product Name	Sulfate anion transporter 1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Sulfate anion transporter 1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Sulfate anion transporter 1 protein
Target Name	Sulfate anion transporter 1
Other Names	SAT, SAT1, Polyamine N-acetyltransferase 1, Putrescine acetyltransferase, Spermidine/spermine N(1)-acetyltransferase 1, SSAT, SSAT-1
Accession No.	Swiss-Prot#: Q9H2B4
Uniprot	Q9H2B4
GeneID	10861;
Concentration	1.0mg/mL
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human human using #42375 at dilution of 1:100.

Background

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

References

[1] "Isolation and characterization of a cDNA clone that codes for human spermidine/spermine N1-acetyltransferase."Casero R.A. Jr., Celano P., Ervin SJ., Applegren N.B., Wiest L., Pegg A.E.J. Biol. Chem. 266:810-814(1991) [2] "Cha

Note: This product is for in vitro research use only