

SAT1 Antibody

Tested Species Reactivity

Bovine (Bv)
 Chicken (Ck)
 Goat (Gt)
 Human (Hu)
 Mouse (Ms)
 Porcine (Po)
 Rat (Rt)
 Xenopus laevis (Xl)

Details

Catalog Number:	PA1-16992
Size:	100 µL
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit /
Immunogen:	Synthetic peptide corresponding to residues 100-171 of human SAT1.

Tested Applications

Dilution *

Western Blot (WB)	2 µg/ml
Immunofluorescence (IF)	1:40
Immunocytochemistry (ICC)	1:40
Immunohistochemistry (Paraffin) (IHC (P))	1:100

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Form Information

Form:	Liquid
Concentration:	1.21mg/ml
Purification:	Antigen affinity chromatography
Storage Buffer:	tris glycine with NaCl
Preservative:	0.05% sodium azide
Storage Conditions:	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Product Specific Information

Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.

Suggested positive control: antigen standard for SAT1 (transient overexpression lysate).

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General Information

Spermidine/spermine-N1-acetyltransferase (SSAT1) is a short-lived polyamine catabolic enzyme which catalyzes the acetylation of polyamines. This highly regulated enzyme allows a fine attenuation of the intracellular concentration of polyamines. Induction of SSAT1 plays an important role in polyamine homeostasis, since the N1-acetylated polyamines can be excreted or oxidized by acetyl polyamine oxidase.

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