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Datasheet for ABIN6938356
anti-SAT1 antibody

Overview

Quantity:	100 µg
Target:	SAT1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SAT1 antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant full-length human SAT1 protein
Clone:	CPTC-SAT1-3
Isotype:	IgG2a kappa
Specificity:	<p>Spermidine/spermine N1-acetyltransferase 1 (SAT1 or SSAT1) is the key regulatory enzyme in the catabolism of polyamines, catalyzing acetylation of spermidine or spermine to generate N1-acetyl spermidine or N1-acetyl spermine, and N1, N12-diacetylspermine. The cellular level of SAT1 is normally extremely low, but it is induced rapidly by a variety of stimuli, including polyamines, polyamine analogs, toxic chemicals, certain drugs, and growth factors.</p> <p>Downregulation of SAT1 has been reported in Epstein-Barr virus positive Burkitt's lymphoma cells.</p>
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	SAT1
Alternative Name:	SAT1 (SAT1 Products)
Background:	DC21, Diamine acetyltransferase 1, Diamine N acetyltransferase 1, EC 2.3.1.57, KDSD, KSDX, Polyamine N acetyltransferase 1, Putrescine acetyltransferase, SAT1, spermidine/spermine N1 acetyltransferase alpha, SSAT, SSAT1,Spermidine or Spermine N1-Acetyltransferase 1 Cellular localisation: Cytoplasm.
Molecular Weight:	20kDa
Gene ID:	6303, 28491
UniProt:	P21673

Application Details

Application Notes:	Known_Application: ELISA (For coating, order Ab without BSA), Optimal dilution for a specific application should be determined. Positive_Control: Human liver tissue lysate, human tonsil or kidney.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months