

Datasheet for ABIN7155269
anti-KAT2A antibody (AA 302-537) (HRP)



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Overview

Quantity:	100 µL
Target:	KAT2A
Binding Specificity:	AA 302-537
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KAT2A antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Histone acetyltransferase KAT2A protein (302-537AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KAT2A
Alternative Name:	KAT2A (KAT2A Products)
Background:	Background: Functions as a histone acetyltransferase (HAT) to promote transcriptional activation. Acetylation of histones gives a specific tag for epigenetic transcription activation.

Target Details

Has significant histone acetyltransferase activity with core histones, but not with nucleosome core particles. Also acetylates non-histone proteins, such as CEBPB (PubMed:17301242). Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4. In case of HIV-1 infection, it is recruited by the viral protein Tat. Regulates Tat's transactivating activity and may help inducing chromatin remodeling of proviral genes. Aliases: 1110051E14Rik antibody, AW212720 antibody, EC 2.3.1.48 antibody, GCN 5 antibody, GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 2 antibody, Gcn5 antibody, GCN5 general control of amino-acid synthesis 5-like 2 (yeast) antibody, GCN5L2 antibody, general control of amino acid synthesis 5-like 2 antibody, General control of amino acid synthesis protein 5-like 2 antibody, General control of amino acid synthesis, yeast, homolog-like 2 antibody, HGCN5 antibody, Histone acetyltransferase GCN5 antibody, Histone acetyltransferase KAT2A antibody, hsGCN5 antibody, K(lysine) acetyltransferase 2A antibody, KAT2 A antibody, KAT2A antibody, KAT2A_HUMAN antibody, Lysine acetyltransferase 2A antibody, MGC102791 antibody, PCAF-b antibody, STAF97 antibody

UniProt: [Q92830](#)

Pathways: [Chromatin Binding](#), [Tube Formation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.