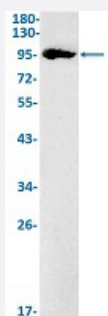


RecomAb™

KAT2A recombinant monoclonal antibody, clone R05-2C1

Catalog # RAB02261 Size 100 uL

Applications



Western Blot

Western Blot analysis of K562 lysates with KAT2A recombinant monoclonal antibody, clone R05-2C1 (Cat # RAB02261).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KAT2A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human KAT2A.
Theoretical MW (kDa)	Calculated MW: 94 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of K562 lysates with KAT2A recombinant monoclonal antibody, clone R05-2C1 (Cat # RAB02261).

- Immunoprecipitation

Gene Info — KAT2A

Entrez GeneID[2648](#)**Protein Accession#**[Q92830](#)**Gene Name**

KAT2A

Gene Alias

GCN5, GCN5L2, MGC102791, PCAF-b, hGCN5

Gene Description

K(lysine) acetyltransferase 2A

Omim ID[602301](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

KAT2A, or GCN5, is a histone acetyltransferase (HAT) that functions primarily as a transcriptional activator. It also functions as a repressor of NF-kappa-B (see MIM 164011) by promoting ubiquitination of the NF-kappa-B subunit RELA (MIM 164014) in a HAT-independent manner (Mao et al., 2009 [PubMed 19339690]).[supplied by OMIM]

Other Designations

GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 2|GCN5 general control of a mino-acid synthesis 5-like 2|General control of amino acid synthesis, yeast, homolog-like 2

Pathway

- [Notch signaling pathway](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)