

Datasheet for ABIN7155266
anti-KAT2A antibody (AA 302-537)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | KAT2A |
| Binding Specificity: | AA 302-537 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KAT2A antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

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: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

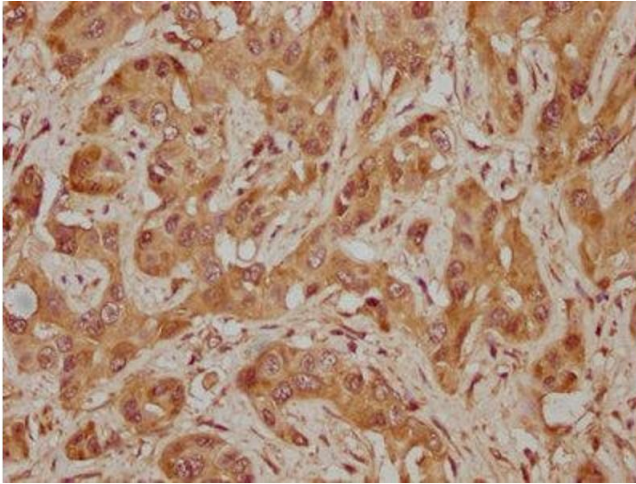
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



Immunohistochemistry

Image 1. IHC image of ABIN7155266 diluted at 1:300 and staining in paraffin-embedded human melanoma cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.