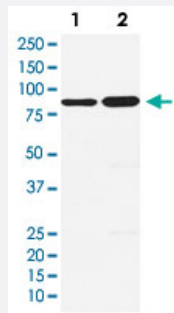


KAT2B monoclonal antibody, clone AEHI-11

Catalog # MAB22215 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) A431 cell lysate, (2) NIH/3T3 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human KAT2B.
Immunogen	A synthetic peptide corresponding to human KAT2B.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat KAT2B, in native form and recombinant. Superfamily members of KAT2B are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage 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 (1) A431 cell lysate, (2) NIH/3T3 cell lysate.

Gene Info — KAT2B

Entrez GeneID[8850](#)**Protein Accession#**[Q92831](#)**Gene Name**

KAT2B

Gene Alias

CAF, P, P/CAF, PCAF

Gene Description

K(lysine) acetyltransferase 2B

Omim ID[602303](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

CBP and p300 are large nuclear proteins that bind to many sequence-specific factors involved in cell growth and/or differentiation, including c-jun and the adenoviral oncoprotein E1A. The protein encoded by this gene associates with p300/CBP. It has in vitro and in vivo binding activity with CBP and p300, and competes with E1A for binding sites in p300/CBP. It has histone acetyl transferase activity with core histones and nucleosome core particles, indicating that this protein plays a direct role in transcriptional regulation. [provided by RefSeq]

Other Designations

CREBBP-associated factor|p300/CBP-associated factor

Pathway

- [Notch signaling pathway](#)

Disease

- [Asthma](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)