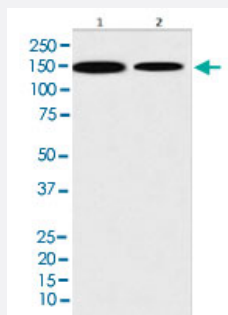


JMJD2A monoclonal antibody, clone AEHB-11

Catalog # MAB22234 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: 293 cell lysate; Lane 2: NIH/3T3 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human JMJD2A.
Immunogen	A synthetic peptide corresponding to human JMJD2A.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	The antibody reacts with human, mouse JMJD2A, in native form and recombinant. Superfamily members of JMJD2A are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:60) Western Blot (1:500-1:2000) 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 short term storage. 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 (Cell lysate)

Western blot analysis of Lane 1: 293 cell lysate; Lane 2: NIH/3T3 cell lysate.

- Immunohistochemistry

- Immunoprecipitation

Gene Info — JMJD2A

Entrez GeneID[9682](#)**Protein Accession#**[O75164](#)**Gene Name**

JMJD2A

Gene Alias

JHDM3A, JMJD2, KDM4A, KIAA0677

Gene Description

jumonji domain containing 2A

Omim ID[609764](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor. [provided by RefSeq]

Other Designations

OTTHUMP00000008810|jumonji C domain-containing histone demethylase 3A