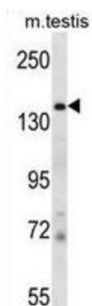


JmjC Domain-Containing Histone Demethylation Protein 2A (JHDM2a) Antibody

Catalogue No.: abx026513



JHDM2a is a zinc finger protein that contains a jumonji domain. It is a histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. This protein preferentially demethylates mono and dimethylated H3 'Lys-9' residue, with a preference for dimethylated residue, while it has weak or no activity on trimethylated H3 'Lys-9'. Demethylation of Lys residue generates formaldehyde and succinate. It is involved in hormone-dependent transcriptional activation, by participating in recruitment to androgen-receptor target genes, resulting in H3 'Lys-9' demethylation and transcriptional activation.

Target: JmjC Domain-Containing Histone Demethylation Protein 2A (JHDM2a)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 50-79 amino acids from the N-terminal region of human JHDM2a.

Datasheet

Version: 3.0.0

Revision date: 06 Mar 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9Y4C1 (UniProt , ExPASy)
String:	9606.ENSP00000386660
Molecular Weight:	Calculated MW: 147 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only