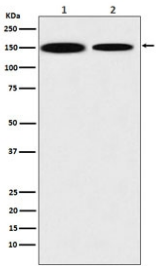
KDM4A Antibody / JMJD2A / JHDM3A [clone AEHB-11] (RQ4772)

Catalog No.	Formulation	Size
RQ4772	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AEHB-11
Purity	Affinity purified
UniProt	O75164
Applications	Western blot: 1:500-1:2000
Limitations	This KDM4A antibody is available for research use only.



Western blot testing of 1) human HEK293 and 2) mouse NIH3T3 lysate with KDM4A antibody. Predicted molecular weight ~121 kDa.

Description

'Lysine (K) specific demethylase 4A' (KDM4A) is a histone demethylase that specifically demethylates 'Lys-9' and 'Lys-36' residues of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27' nor H4 'Lys-20'. Demethylates trimethylated H3 'Lys-9' and H3 'Lys-36' residue, while it has no activity on mono- and dimethylated residues.

Application Notes

Optimal dilution of the KDM4A antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human KDM4A was used as the immunogen for the KDM4A antibody.

Storage

Store the KDM4A antibody at -20oC.

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