

For Research Use Only

KDM4B Polyclonal antibody

Catalog Number: 20038-1-AP



Basic Information

Catalog Number: 20038-1-AP	GenBank Accession Number: NM_015015	Purification Method: Antigen affinity purification
Size: 150ul	GeneID (NCBI): 23030	
Source: Rabbit	Full Name: lysine (K)-specific demethylase 4B	
Isotype: IgG	Calculated MW: 122 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human

Background Information

KDM4B, also named as JHDM3B, JMJD2B and KIAA0876, belongs to the JHDM3 histone demethylase family. KDM4B is a histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. It does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. KDM4B is able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate. The antibody recognizes near the C-term of KDM4B and has no cross reaction to KDM4A.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
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Selected Validation Data