

## KDM4A polyclonal antibody

Catalog: BZ16953

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

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.

### Product:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

### Molecular Weight:

Calculated MW: 121 kDa; Observed MW: 150 kDa

### Swiss-Prot:

O75164

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

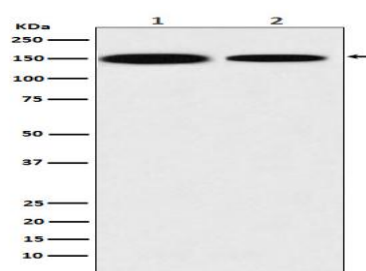
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot analysis of KDM4A / JHDM3A / JMJD2A in HEK293 lysates; NIH3T3 lysates using KDM4A antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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