

## KDM4D Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP10663
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 400-480
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Lysine-specific demethylase 4D
<b>Synonyms</b>	Lysine-specific demethylase 4D ;EC 1.14.11.-.;JmjC domain-containing histone demethylation protein 3D;Jumonji domain-containing protein 2D

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

It is uncertain whether Met-1 or Met-4 is the initiator.,cofactor: Binds 1 Fe(2+) ion per subunit.,Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Demethylates both di- and trimethylated H3 'Lys-9' residue, while it has no activity on monomethylated residues. Demethylation of Lys residue generates formaldehyde and succinate.,Belongs to the JHDM3 histone demethylase family.,Contains 1 JmjC domain.,Contains 1 JmjN domain.,

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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