

## KDM3B Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP10662
<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: 230-310
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Lysine-specific demethylase 3B
<b>Synonyms</b>	Lysine-specific demethylase 3B ;EC 1.14.11.-.;JmjC domain-containing histone demethylation protein 2B;Jumonji domain-containing protein 1B;Nuclear protein 5qNCA

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

### Background

cofactor: Binds 1 Fe(2+) ion per subunit.,Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs are known to mediate the association with nuclear receptors.,Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Demethylation of Lys residue generates formaldehyde and succinate. May have tumor suppressor activity.,miscellaneous: Its gene is located in the 5q region of the genome which is deleted in del(5q) interstitial deletion, a frequent deletion found in myeloid leukemias and myelodysplasias, suggesting that it may be a good candidate for the del(5q) tumor suppressor gene.,Belongs to the JHDM2 histone demethylase family.,Contains 1 JmjC domain.,tissue specificity: Ubiquitous. Highly expressed in placenta, skeletal muscle, kidney, heart and liver.,

### 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