

## Rabbit anti-Human KDM4B Polyclonal Antibody | anti-KDM4B antibody

KDM4B Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA118761</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

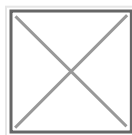
### PRODUCT SYNONYMS

KDM4B; Polyclonal Antibody; KDM4B Antibody; JmjC domain-containing histone demethylation protein 3B; Jumonji domain-containing protein 2B; JHDM3B; JMJD2B; KIAA0876; anti-KDM4B antibody

### PRODUCT SPECIFICATIONS

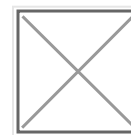
|                                                 |                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                              |
| Reactivity                                      | Human                                                                                               |
| Clonality                                       | Polyclonal                                                                                          |
| Isotype                                         | IgG                                                                                                 |
| Purity/Purification                             | Antigen Affinity Purified                                                                           |
| Form/Format                                     | Liquid                                                                                              |
| Sequence Length                                 | 1096                                                                                                |
| Applicable Applications for anti-KDM4B antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                |
| Storage Buffer                                  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                   |
| Conjugate                                       | Non-conjugated                                                                                      |
| Immunogen                                       | Recombinant human Lysine-specific demethylase 4B protein (1-260aa)                                  |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54477 / sc-54549 / sc-67192 |
| Species Homo sapiens                            | (Human)                                                                                             |
| Research Area                                   | Epigenetics and Nuclear Signaling                                                                   |
| Target Names                                    | KDM4B                                                                                               |
| Preparation and Storage                         | Upon receipt store at -20 degree C or -80 degree C. Avoid repeated freeze.                          |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA118761 at dilution 1:100



#### WB (Western Blot)

Western blot All lanes: KDM4B antibody at 4ug/ml Lane 1: Jurkat whole cell lysate Lane 2: k562 whole cell lysate Secondary Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 122,51 kDa Observed band size: 122 kDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KDM4B antibody | Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 45504380                                               |
| NCBI GeneID                      | 23030                                                  |
| NCBI Accession #                 | NP_055830.1                                            |
| NCBI GenBank Nucleotide #        | NM_015015.2                                            |
| UniProt Accession #              | O94953; O75274; Q6P3R5; Q9P1V1; Q9UF40; B9EGN8; D6W631 |
| NCBI Official Full Name          | lysine-specific demethylase 4B                         |
| NCBI Official Synonym Full Names | lysine (K)-specific demethylase 4B                     |
| NCBI Official Symbol             | KDM4B                                                  |
| NCBI Official Synonym Symbols    | JMJD2B; TDRD14B                                        |
| NCBI Protein Information         | lysine-specific demethylase 4B                         |
| UniProt Protein Name             | Lysine-specific demethylase 4B                         |
| UniProt Gene Name                | KDM4B                                                  |
| UniProt Synonym Gene Names       | JHDM3B; JMJD2B; KIAA0876                               |
| UniProt Entry Name               | KDM4B_HUMAN                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kdm4b-antibody-immunohistochemistry-western-blot-elisa/118761>