



# KDM5A Antibody, Biotin conjugated

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| <b>Product Code</b>        | CSB-PA012141LD01HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Uniprot No.</b>         | P29375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>           | Recombinant Human Lysine-specific demethylase 5A protein (437-603AA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Tested Applications</b> | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Relevance</b>           | Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. May stimulate transcription mediated by nuclear receptors. May be involved in transcriptional regulation of Hox proteins during cell differentiation. May participate in transcriptional repression of cytokines such as CXCL12. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Conjugate</b>           | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Alias</b>               | Lysine-specific demethylase 5A (EC 1.14.11.-) (Histone demethylase JARID1A) (Jumonji/ARID domain-containing protein 1A) (Retinoblastoma-binding protein 2) (RBBP-2), KDM5A, JARID1A RBBP2 RBP2                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Research Area</b>       | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Target Names</b>        | KDM5A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |