

## Anti-KDM1/LSD1 KDM1A Rabbit Monoclonal Antibody

Catalog Number: M00532-1

### About KDM1A

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

### Overview

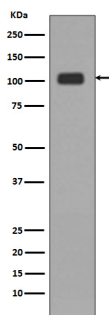
|                      |                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-KDM1/LSD1 KDM1A Rabbit Monoclonal Antibody                                                                                                                         |
| Reactive Species     | Human, Mouse, Rat                                                                                                                                                       |
| Description          | Boster Bio Anti-KDM1/LSD1 KDM1A Rabbit Monoclonal Antibody catalog # M00532-1. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat. |
| Application          | IP, IF, IHC, ICC, WB                                                                                                                                                    |
| Clonality            | Monoclonal DID-11                                                                                                                                                       |
| Formulation          | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                     |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                              |
| Host                 | Rabbit                                                                                                                                                                  |
| Uniprot ID           | O60341                                                                                                                                                                  |

### Technical Details

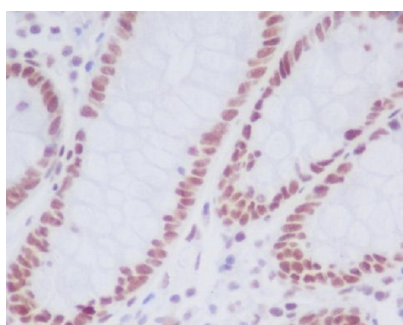
|                     |                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen           | A synthesized peptide derived from human KDM1 / LSD1                                                                                                                                                                                                                                                                                                                                     |
| Isotype             | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                               |
| Form                | Liquid                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.                                                                                                                                                                                                                                                                                             |
| Purification        | Affinity-chromatography                                                                                                                                                                                                                                                                                                                                                                  |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows:<br>Boster Bio's internal QC testing used: |

|  |                                                                    |
|--|--------------------------------------------------------------------|
|  | WB 1:1000-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:30 |
|--|--------------------------------------------------------------------|

## Anti-KDM1/LSD1 KDM1A Rabbit Monoclonal Antibody (M00532-1) Images



Western blot analysis of KDM1/LSD1 expression in HeLa cell lysate



Immunohistochemical analysis of paraffin-embedded human colon, using KDM1/LSD1 Antibody.

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