

## Recombinant KDM4A Monoclonal Antibody

catalog number: E-AB-81576

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

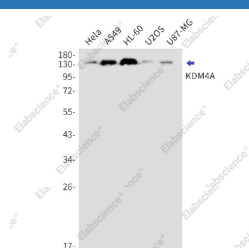
|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                                                               |
| <b>Immunogen</b>    | A synthesized peptide derived from human KDM4A / JHDM3A / JMJD2A                                    |
| <b>Host</b>         | Rabbit                                                                                              |
| <b>Isotype</b>      | Rabbit IgG                                                                                          |
| <b>Clone</b>        | C333362                                                                                             |
| <b>Purification</b> | Affinity Purified                                                                                   |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein. |

### Applications

### Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:2000 |
|-----------|--------------|

### Data



Western blot detection of KDM4A in Hela,A549,HL-60,U2OS,U87-MG cell lysates using KDM4A Rabbit mAb(1:1000 diluted).Observed band size:150kDa.

**Observed-MW:150 kDa**

**Calculated-MW:121 kDa**

### Preparation & Storage

|                 |                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                        |
| <b>Shipping</b> | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

### Background

This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers.This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor.

### For Research Use Only

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