

## Rabbit anti-Human, Mouse KDM2A Polyclonal Antibody | anti-KDM2A antibody

KDM2A Antibody

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA310702</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

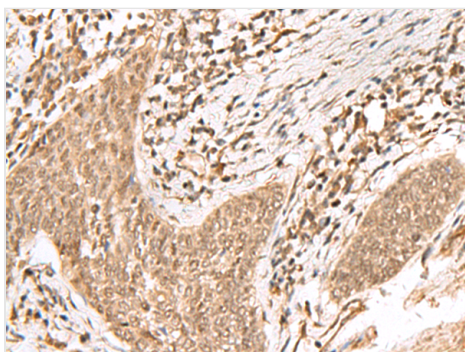
### PRODUCT SYNONYMS

KDM2A; Polyclonal Antibody; KDM2A Antibody; FBL7; CXXC8; FBL11; FBXL11; JHDM1A; LILINA; anti-KDM2A antibody

### PRODUCT SPECIFICATIONS

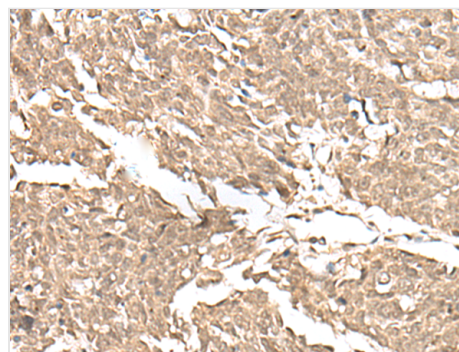
|                                                 |                                                                |
|-------------------------------------------------|----------------------------------------------------------------|
| Host                                            | Rabbit                                                         |
| Reactivity                                      | Human, Mouse                                                   |
| Clonality                                       | Polyclonal                                                     |
| Isotype                                         | IgG                                                            |
| Specificity                                     | The antibody detects endogenous levels of total KDM2A protein. |
| Purity/Purification                             | Antigen affinity purification                                  |
| Form/Format                                     | pH 7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol              |
| Concentration                                   | 1.6 mg/mL (varies by lot)                                      |
| Sequence Length                                 | 723                                                            |
| Applicable Applications for anti-KDM2A antibody | IHC (Immunohistochemistry)                                     |
| Immunogen                                       | Synthetic peptide of human KDM2A                               |
| Immunogen Type                                  | Peptide                                                        |
| Preparation and Storage                         | Store at -20 degree C.                                         |

### IMAGES



#### IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47546(KDM2A Antibody) at dilution 1/55.(Original magnification: 200



#### IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 47546(KDM2A Antibody) at dilution 1/55.(Original magnification: 200

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KDM2A antibody | This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class and, in addition to an F-box, contains at least six highly degenerated leucine-rich repeats. This family member plays a role in epigenetic silencing. It nucleates at CpG islands and specifically demethylates both mono- and di-methylated lysine-36 of histone H3. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-KDM2A antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 373938467                                                                      |
| NCBI GeneID                      | 22992                                                                          |
| NCBI Accession #                 | NP_001243334.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_001256405.1                                                                 |
| UniProt Accession #              | Q9Y2K7; Q49A21; Q4G0M3; Q69YY8; Q9BVH5; Q9H7H5; Q9UK66; D4QA03; E9PIL6; I3VM55 |
| Molecular Weight                 | 96,859 Da                                                                      |
| NCBI Official Full Name          | lysine-specific demethylase 2A isoform b                                       |
| NCBI Official Synonym Full Names | lysine demethylase 2A                                                          |
| NCBI Official Symbol             | KDM2A                                                                          |
| NCBI Official Synonym Symbols    | FBL7; CXXC8; FBL11; FBXL11; JHDM1A; LILINA                                     |
| NCBI Protein Information         | lysine-specific demethylase 2A                                                 |
| UniProt Protein Name             | Lysine-specific demethylase 2A                                                 |
| UniProt Gene Name                | KDM2A                                                                          |
| UniProt Synonym Gene Names       | CXXC8; FBL7; FBXL11; JHDM1A; KIAA1004                                          |

**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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