

## Rabbit anti-Human, Mouse ALKBH4 Polyclonal Antibody | anti-ALKBH4 antibody

Anti-ALKBH4 Antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA264258</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

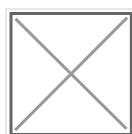
### PRODUCT SYNONYMS

ALKBH4; Polyclonal Antibody; Anti-ALKBH4 Antibody; ABH4; Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4; Alkylated DNA repair protein alkB homolog 4; anti-ALKBH4 antibody

### PRODUCT SPECIFICATIONS

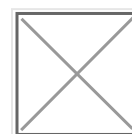
|                                                  |                                                                                                           |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                    |
| Reactivity                                       | Human, Mouse                                                                                              |
| Clonality                                        | Polyclonal                                                                                                |
| Specificity                                      | Recognizes endogenous levels of ALKBH4 protein.                                                           |
| Purity/Purification                              | Purified by Immunogen Affinity Chromatography                                                             |
| Form/Format                                      | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide. |
| Applicable Applications for anti-ALKBH4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                             |
| Immunogen                                        | Recombinant fusion protein of human ALKBH4. The exact sequence is proprietary.                            |
| Preparation and Storage                          | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                   |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of ALKBH4 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of ALKBH4 expression in MCF7 (A) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| Related Product Information for anti-ALKBH4 antibody | Rabbit polyclonal antibody to ALKBH4 |
|------------------------------------------------------|--------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                     |                |
|---------------------|----------------|
| NCBI GI #           | 74734701       |
| NCBI GeneID         | 54784          |
| UniProt Accession # | Q9NXW9; Q9D8F1 |

|                                  |                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight                 | 302                                                                                                                                                            |
| NCBI Official Full Name          | Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4                                                                                                       |
| NCBI Official Synonym Full Names | alkB, alkylation repair homolog 4 (E. coli)                                                                                                                    |
| NCBI Official Symbol             | ALKBH4                                                                                                                                                         |
| NCBI Official Synonym Symbols    | ABH4                                                                                                                                                           |
| NCBI Protein Information         | alpha-ketoglutarate-dependent dioxygenase alkB homolog 4; alkylated DNA repair protein alkB homolog 4; probable alpha-ketoglutarate-dependent dioxygenase ABH4 |
| UniProt Protein Name             | Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4                                                                                                       |
| UniProt Gene Name                | <b>ALKBH4</b>                                                                                                                                                  |
| UniProt Synonym Gene Names       | ABH4                                                                                                                                                           |
| UniProt Entry Name               | ALKB4_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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