

# KDM3B Rabbit pAb

Catalog No.: A2312 **1 Publications**

## Basic Information

### Observed MW

225kDa

### Calculated MW

192kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human

## Background

Predicted to enable chromatin DNA binding activity; histone H3-methyl-lysine-9 demethylase activity; and transcription coregulator activity. Predicted to be involved in histone H3-K9 demethylation and regulation of transcription by RNA polymerase II. Located in nucleoplasm. Biomarker of acute lymphoblastic leukemia; breast cancer; colorectal cancer; and lung non-small cell carcinoma.

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

## Immunogen Information

### Gene ID

51780

### Swiss Prot

Q7LBC6

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 400-600 of human KDM3B (NP\_057688.2).

### Synonyms

5qNCA; DIJOS; NET22; C5orf7; JMJD1B; KDM3B

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

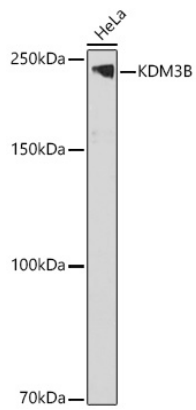
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

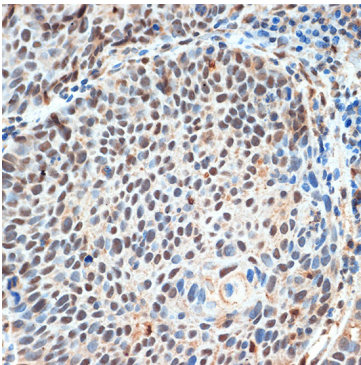
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from HeLa cells, using KDM3B Rabbit pAb (A2312) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using KDM3B Rabbit pAb (A2312) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.