

KDM3B Rabbit pAb

Catalog No.: A2312

1 Publications

Basic Information

Observed MW

225kDa

Calculated MW

192kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

51780

Swiss Prot

Q7LBC6

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

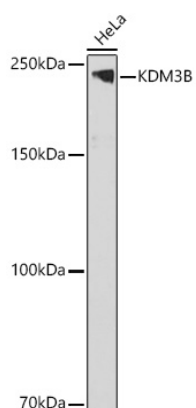
Affinity purification

Storage

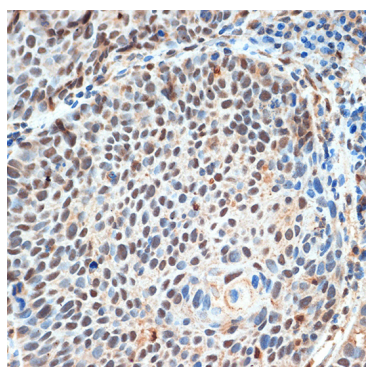
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using KDM3B Rabbit pAb (A2312) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg 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). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.