A8159

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KDM6A Rabbit pAb

Catalog No.: A8159 5 Publications

Basic Information

Observed MW
180kDa

Calculated MW
154kDa/157kDa

Category
Polyclonal Antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

Enables DNA binding activity; histone H3-tri/di-methyl-lysine-27 demethylase activity; and identical protein binding activity. Involved in chromatin remodeling. Acts upstream of or within several processes, including chordate embryonic development; embryonic morphogenesis; and histone H3-K27 demethylation. Located in nucleus. Part of histone methyltransferase complex. Is expressed in several structures, including early conceptus; gonad; liver; lung; and spleen. Used to study chronic myelomonocytic leukemia. Human ortholog(s) of this gene implicated in several diseases, including Kabuki syndrome; bladder urothelial carcinoma; gastrointestinal system cancer (multiple); lung carcinoma (multiple); and triple-receptor negative breast cancer. Orthologous to human KDM6A (lysine demethylase 6A).

Recommended Dilutions

WB	1:500 - 1:1000
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
22289

Swiss Prot

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

Synonyms
Utx; KDM6A

Contact

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Product Information

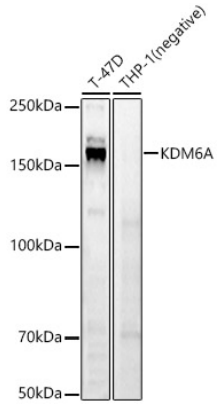
Source
Rabbit

Isotype
IgG

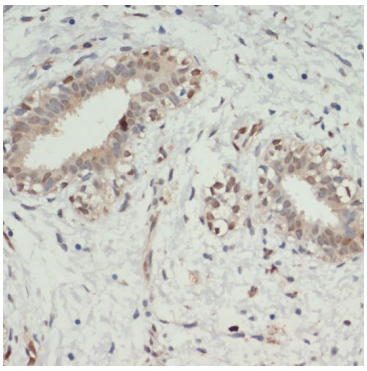
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates, using KDM6A Rabbit pAb (A8159) at 1:700 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: 60s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using KDM6A Rabbit pAb (A8159) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.