

RecomAb™

KDM4A recombinant monoclonal antibody, clone R01-7F2

Catalog # RAB01321 Size 100 uL

Applications

Western Blot

Western blot analysis of Phospho-Histone H3 (Thr3) in C6, 3T3, Hela lysates using Phospho-Histone H3 (Thr3) antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KDM4A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human KDM4A.
Theoretical MW (kDa)	Calculated MW: 121 k
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Phospho-Histone H3 (Thr3) in C6, 3T3, Hela lysates using Phospho-Histone H3 (Thr3) antibody.

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunoprecipitation

Gene Info — JMJD2A

Entrez GeneID[9682](#)**Protein Accession#**[O75164](#)**Gene Name**

JMJD2A

Gene Alias

JHDM3A, JMJD2, KDM4A, KIAA0677

Gene Description

jumonji domain containing 2A

Omim ID[609764](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor. [provided by RefSeq]

Other Designations

OTTHUMP00000008810|jumonji C domain-containing histone demethylase 3A