10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

KDM3B / JMJD1B Antibody (Internal)

Rabbit Polyclonal Antibody
Catalog # ALS13764

Specification

KDM3B / JMJD1B Antibody (Internal) - Product Information

Application	**IF, WB, IHC**
Primary Accession	Q7LBC6
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**192kDa KDa**

KDM3B / JMJD1B Antibody (Internal) - Additional Information

Gene ID 51780

Other Names
Lysine-specific demethylase 3B, 1.14.11.-, JmjC domain-containing histone demethylation protein 2B, Jumonji domain-containing protein 1B, Nuclear protein 5qNCA, KDM3B, C5orf7, JHDM2B, JMJD1B, KIAA1082

Target/Specificity
Human JMJD1B

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
KDM3B / JMJD1B Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

KDM3B / JMJD1B Antibody (Internal) - Protein Information

Name KDM3B

Synonyms C5orf7, JHDM2B, JMJD1B, KIAA1082

Function
Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Demethylation of Lys residue generates formaldehyde and succinate. May have tumor suppressor activity.

Cellular Location
Nucleus.

Tissue Location
Ubiquitous. Highly expressed in placenta, skeletal muscle, kidney, heart and liver.

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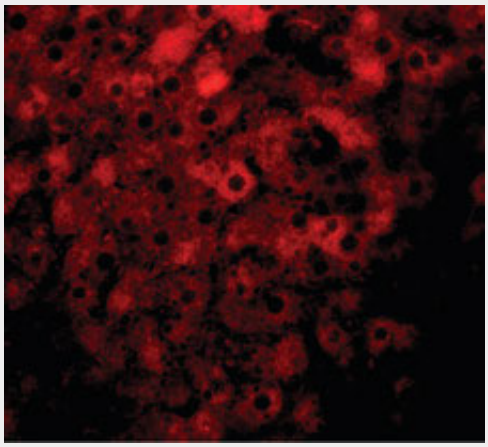
Volume
50 µl

KDM3B / JMJD1B Antibody (Internal) - Protocols

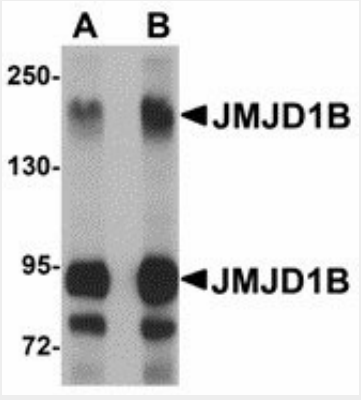
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KDM3B / JMJD1B Antibody (Internal) - Images

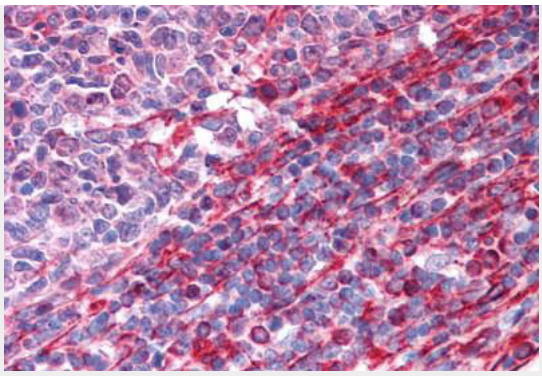


Immunofluorescence of JMJD1B in rat liver tissue with JMJD1B antibody at 20 ug/ml.



Western blot of JMJD1B in rat liver tissue lysate with JMJD1B antibody at (A) 1 and (B) 2 ug/ml.

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Anti-KDM3B / JMJD1B antibody IHC of human tonsil.

KDM3B / JMJD1B Antibody (Internal) - Background

Histone demethylase that specifically demethylates 'Lys- 9' of histone H3, thereby playing a central role in histone code. Demethylation of Lys residue generates formaldehyde and succinate. May have tumor suppressor activity.

KDM3B / JMJD1B Antibody (Internal) - References

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Hu Z.,et al.Oncogene 20:6946-6954(2001).
Kikuno R.,et al.DNA Res. 6:197-205(1999).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Schmutz J.,et al.Nature 431:268-274(2004).