

Phospho-JMJD1B(S291) Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3741a**Specification**

Phospho-JMJD1B(S291) Antibody - Product Information

Application	DB,E
Primary Accession	Q7LBC6
Other Accession	NP_057688.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	191581

Phospho-JMJD1B(S291) Antibody - Additional Information**Gene ID** 51780**Other Names**

Lysine-specific demethylase 3B, 11411-, JmjC domain-containing histone demethylation protein 2B, Jumonji domain-containing protein 1B, Nuclear protein 5qNCA, KDM3B, C5orf7, JHDM2B, JMJD1B, KIAA1082

Target/Specificity

This JMJD1B Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S291 of human JMJD1B.

Dilution

DB~~1:500

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Phospho-JMJD1B(S291) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Phospho-JMJD1B(S291) Antibody - 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

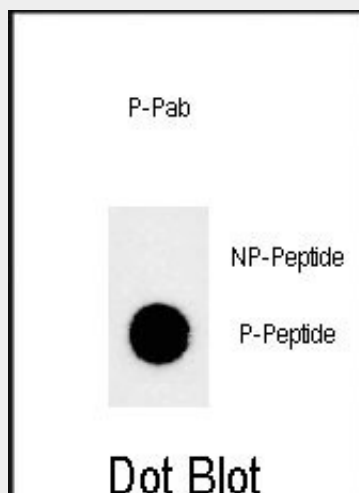
Ubiquitous. Highly expressed in placenta, skeletal muscle, kidney, heart and liver.

Phospho-JMJD1B(S291) Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Phospho-JMJD1B(S291) Antibody - Images



Dot blot analysis of anti-Phospho-JMJD1B-pS291 Phospho-specific Pab (Cat. #AP3741a) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

Phospho-JMJD1B(S291) Antibody - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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Yamane, K., et al. Cell 125(3):483-495(2006)
Andersen, J.S., et al. Nature 433(7021):77-83(2005)