# antibodies - online.com







# anti-KDM3B antibody (AA 1601-1761)

**Images** 



# Overview

Quantity:	100 μL
Target:	KDM3B
Binding Specificity:	AA 1601-1761
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

# **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human JMJD1B
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

# **Target Details**

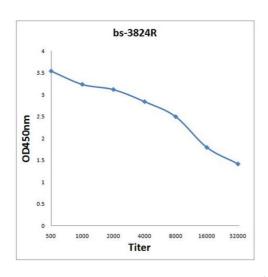
# Target Details

Alternative Name:	JMJD1B (KDM3B Products)
Background:	Synonyms: JHDM2B, JmjC domain containing histone demethylation protein 2B, JmjC domain
	containing histone demethylation protein 2B , jmjd1b, Jumonji domain containing protein 1B,
	JUMONJI DOMAIN-CONTAINING PROTEIN 1B , KDM3B, KDM3B_HUMAN, Lysine-specic
	demethylase 3B, Nuclear protein 5qNCA.
	Background: JMJD1B (jumonji domain containing 1B), also known as KDM3B, 5qNCA (5q
	Nuclear Co-Activator) or C5orf7, is a member of the JHDM2 histone demethylase family of
	proteins. Expressed in a wide variety of tissues, JMJD1B localizes to the nucleus and contains
	one JMJC domain and a C-terminal zinc finger motif. JMJD1B functions as a histone
	demethylase and, using iron as a cofactor, demethylates lysine-9 of Histone H3. This suggests
	that JMJD1B plays a central role in the histone code. The gene encoding human JMJD1B is
	located within the 5q region of the genome that is often deleted in myeloid leukemias and
	myelodysplasias. This implies that JMJD1B may function as a tumor suppressor of myeloid
	leukemia. Eptopic expression of JMJD1B exhibits growth suppressive activities, further
	supporting a role for JMJD1B in tumor suppression.
Gene ID:	51780
Pathways:	Warburg Effect
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
restrictions.	
Handling	
	Liquid
Handling	Liquid 1 μg/μL

# Handling

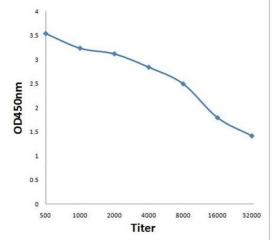
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

# **Images**



### **ELISA**

**Image 1.** Antigen: 0.2  $\mu$ g/100  $\mu$ L Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



## **ELISA**

Image 2. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm