# antibodies - online.com







# anti-JMJD2D antibody (N-Term)

**Images** 



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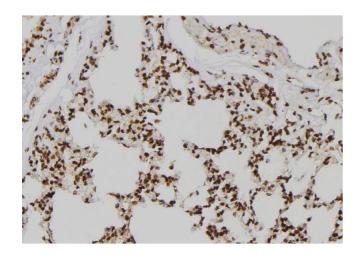
- OVERVIEW	
Quantity:	100 μL
Target:	JMJD2D (KDM4D)
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JMJD2D antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	A synthesized peptide derived from human JHD3D, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	JHD3D Antibody detects endogenous levels of total JHD3D.
Predicted Reactivity:	Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	JMJD2D (KDM4D)

## **Target Details**

rarget Details	
Alternative Name:	KDM4D (KDM4D Products)
Background:	Description: Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby
	playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3
	'Lys-36' nor H4 'Lys-20'. Demethylates both di- and trimethylated H3 'Lys-9' residue, while it has
	no activity on monomethylated residues. Demethylation of Lys residue generates formaldehyde
	and succinate.
	Gene: KDM4D
Molecular Weight:	52 kDa
Gene ID:	55693
UniProt:	Q6B0I6
Pathways:	Warburg Effect
Application Details	
Application Notes	WB 1:500-1:2000 JHC 1:50-1:200 FLISA(pentide) 1:20000-1:40000

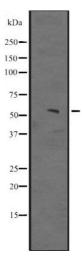
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Expiry Date:	12 months



### **Immunohistochemistry**

**Image 1.** ABIN6273541 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



#### **Western Blotting**

**Image 2.** Western blot analysis of JHD3D expression in Hela cell lysate, The lane on the left is treated with the antigenspecific peptide.