

## Datasheet for ABIN925949

# anti-Kdm6b antibody (Middle Region)





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Quantity:	100 μg
Target:	Kdm6b
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kdm6b antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	JMJD3 antibody was raised in rabbit using the middle region of JMJD3 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Dog (Canine), Frog
Target Details	
Target:	Kdm6b
Alternative Name:	JMJD3 (Kdm6b Products)
Background:	JMJD3 is a histone demethylase that specifically demethylates 'Lys-27' of histone H3, thereby
	playing a central role in histone code. It plays a central role in regulation of posterior
	development, by regulating HOX gene expression. It is involved in inflammatory response by
	participating in macrophage differentiation in case of inflammation by regulating gene
	expression and macrophage differentiation. Synonyms: Polyclonal JMJD3 antibody, Anti-

### **Target Details**

	JMJD3 antibody, jumonji domain containing 3, histone lysine demethylase antibody, KIAA0346
	antibody.
Pathways:	Warburg Effect

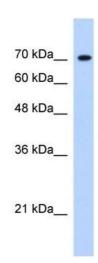
# **Application Details**

Application Notes:	WB: 1.25 μg/mL
	Optimal conditions should be determined by the investigator.
Comment:	JMJD3 Blocking Peptide, catalog no. 33R-1207, is also available for use as a blocking control in assays to test for specificity of this JMJD3 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 100 $\mu L$ of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

### **Images**



#### **Western Blotting**

**Image 1.** JMJD3 antibody (20R-1248) used at 0.2-1 ug/ml to detect target protein.