

## Product datasheet for **TA359871**

### **KDM4B Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KDM4B
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	122 kDa
Gene Name:	lysine demethylase 4B
Database Link:	<a href="#">NP_055830.1</a> <a href="#">Entrez Gene 23030 Human</a> <a href="#">O94953</a>
Background:	Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate.
Synonyms:	FLJ44906; JHDM3B; JMJD2B; KIAA0876



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**Product images:**

Host: Rabbit  
Target Name: KDM4B  
Sample Type: THP-1 Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: KDM4B  
Sample Tissue: Human THP-1 Whole Cell lysates  
Antibody Dilution: 1  $\mu$ g/ml