

Product datasheet for **TA345639**

KDM6B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-JMJD3 antibody: synthetic peptide directed towards the N terminal of human JMJD3. Synthetic peptide located within the following region: HRAVDPPGARAAREAFALGGLSCAGAWSSCPPHPPPSAWLPGGRCASAI
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	181 kDa
Gene Name:	lysine demethylase 6B
Database Link:	NP_001073893 Entrez Gene 23135 Human O15054
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:	JMJD3



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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 93%

Product images:



WB Suggested Anti-JMJD3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human Lung