

#### OriGene Technologies, Inc.

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# Product datasheet for TA345639

### **KDM6B Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	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: HRAVDPPGARAAREAFALGGLSCAGAWSSCPPHPPPRSAWLPGGRCSASI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
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:	<u>NP_001073893</u> <u>Entrez Gene 23135 Human</u> <u>O15054</u>
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



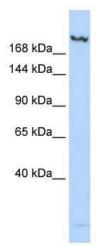
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Note:

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

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