

## Datasheet for ABIN927922

# anti-Kdm6b antibody (N-Term)





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| Overview             |   |  |
|----------------------|---|--|
| Quantity:            | 100 μL  |  |
| Target:              | Kdm6b   |  |
| Binding Specificity: | N-Term  |  |
| Reactivity:          | Human, Mouse, Rat, Dog  |  |
| 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 N terminal of JMJD3 as the immunogen  |  |
| Cross-Reactivity:    | Mouse (Murine), Rat (Rattus), Dog (Canine)  |  |
| Purification:        | Purified  |  |
| 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  |  |
|                      |   |  |

### **Target Details**

| expression and macrophage differentiation. Synonyms: Polyclonal JMJD3 antibody,   | Anti-    |
|---|----------|
| JMJD3 antibody, jumonji domain containing 3, histone lysine demethylase antibody, | KIAA0346 |
| antibody.   |          |
|   |          |

Pathways:

Warburg Effect

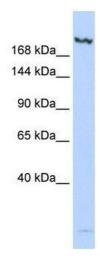
## **Application Details**

| Application Notes: | WB: 0.2-1 μg/mL  |  |
|--------------------|--|--|
|                    | Optimal conditions should be determined by the investigator.   |  |
| Comment:           | JMJD3 Blocking Peptide, catalog no. 33R-3834, 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 50 $\mu$ 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.** Western Blot showing JMJD3 antibody used at a concentration of 1-2 ug/ml to detect its target protein.