

Datasheet for ABIN925949
anti-Kdm6b antibody (Middle Region)



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1 Image

Overview

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 µL 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 µg/ml to detect target protein.