

Rabbit JMJD3 Antibody | anti-KDM6B antibody

JMJD3 Antibody

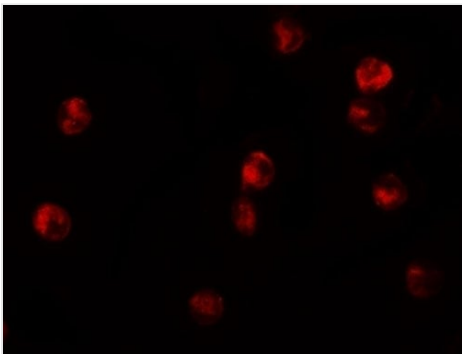
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10925	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

JMJD3; JMJD3 Antibody; JMJD3 Antibody: JMJD3; KIAA0346; Lysine-specific demethylase 6B; JmjC domain containing protein 3; anti-KDM6B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Clone Number	Polyclonal
Specificity	This antibody is specific for JMJD3 and will not recognize other JMJD proteins
Purity/Purification	JMJD3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; Supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-KDM6B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Application Notes	Optimal dilutions for each application to be determined by the researcher.
Immunogen	Anti-JMJD3 antibody was raised against a peptide corresponding to 16 amino acids near the carboxy terminus of human JMJD3. The immunogen is located within amino acids 1370-1420 of JMJD3.
Positives Control	- HeLa Cell Lysate 2)- K-562 Cell Slide 3) - K562 Cell Lysate 4)- A-20 Cell Lysate
Conjugate	Unconjugated
Preparation and Storage	JMJD3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



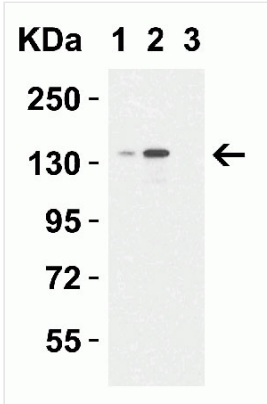
IF (Immunofluorescence)

Figure 8 Immunofluorescence Validation of JMJD3 in K562 Cells Immunofluorescent analysis of 4% paraformaldehyde fixed K562 cells labeling JMJD3 with AAA10925 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



ICC (Immunocytochemistry)

Figure 7 Immunocytochemistry Validation of JMJD3 in K562 Cells Immunocytochemical analysis of K562 cells using anti- JMJD3 antibody (AAA10925) at 2.5 ug/ml. Cells was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4°C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



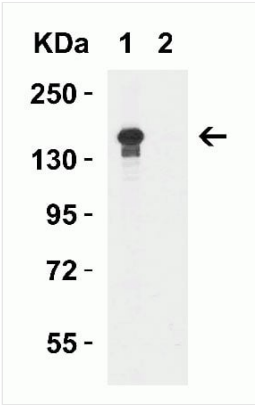
WB (Western Blot)

Figure 6 Western Blot Validation in HepG2 Cell LysateLoading: 15 ug of lysates per lane.Antibodies: JMJD3, 1h incubation at RT in 5% NFDm/TBST.Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.Lane 1: 0.25 ug/mL Lane 2: 0.5 ug/mL Lane 3: 0.25 ug/mL with blocking peptide



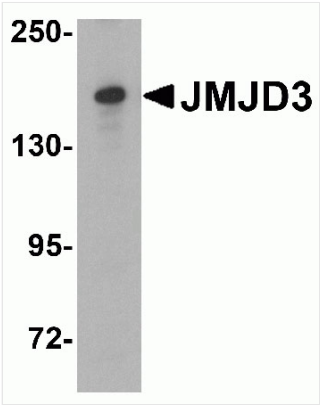
WB (Western Blot)

Figure 5 Western Blot Validation in Mouse A-20 Cell LysateLoading: 15 ug of lysates per lane.Antibodies: JMJD3, (0.5 ug/mL), 1h incubation at RT in 5% NFDm/TBST.Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.Lane 1: in the absence and Lane 2: in the presence of blocking peptide



WB (Western Blot)

Figure 4 Western Blot Validation in K562 Cell LysateLoading: 15 ug of lysates per lane.Antibodies: : JMJD3, (0.5 ug/mL) , 1h incubation at RT in 5% NFDm/TBST.Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.Lane 1: in the absence and Lane 2: in the presence of blocking peptide



WB (Western Blot)

Figure 3 Western Blot Validation in HeLa Cell LysateLoading: 15 ug of lysates per lane.Antibodies: JMJD3, (0.25 ug/mL), 1h incubation at RT in 5% NFDm/TBST.Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937251
NCBI GeneID	23135
NCBI Accession #	EAW90126
NCBI GenBank Nucleotide #	NM_001080424.1
UniProt Accession #	O15054; Q96G33; C9IZ40
Molecular Weight	Predicted: 180 Observed: 180 kD
NCBI Official Full Name	lysine-specific demethylase 6B
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 6B
NCBI Official Symbol	KDM6B
NCBI Official Synonym Symbols	JMJD3
NCBI Protein Information	lysine-specific demethylase 6B; lysine demethylase 6B; jmjC domain-containing protein 3; jumonji domain-containing protein 3; jumonji domain containing 3, histone lysine demethylase
UniProt Protein Name	Lysine-specific demethylase 6B
UniProt Gene Name	KDM6B
UniProt Synonym Gene Names	JMJD3; KIAA0346
UniProt Entry Name	KDM6B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-kdm6b-human-mouse-rat-antibody/jmjd3/10925>