

Rabbit JMJD3 Polyclonal Antibody | anti-KDM6B antibody

JMJD3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198556	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

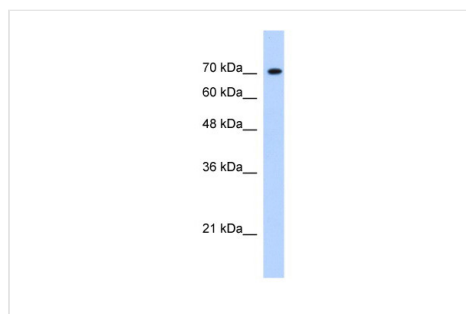
PRODUCT SYNONYMS

JMJD3; Polyclonal Antibody; JMJD3 antibody - middle region; anti-KDM6B antibody

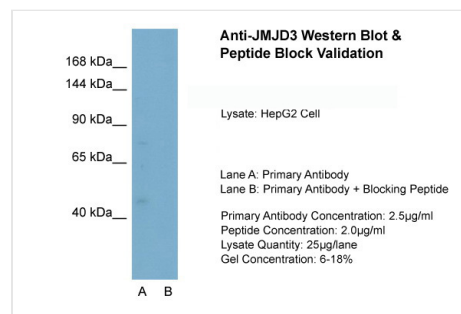
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AG LQGVVLEQY RTEELAQAYD AFLTVRRARRA RGQRRRALGQ AAGTGFGS
Sequence Length	1643
Applicable Applications for anti-KDM6B antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human JMJD3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-JMJD3 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

Host: Rabbit Target Name: JMJD3 Sample Type: HepG2 Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/mL Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane Gel Concentration: 6-18%

ADDITIONAL INFORMATION

Related Product Information for anti-KDM6B antibody	This is a rabbit polyclonal antibody against JMJD3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-KDM6B antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Developmental Biology; Epigenetics; Methylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937251
NCBI GeneID	23135
NCBI Accession #	AAH09994
NCBI GenBank Nucleotide #	NM_001080424
UniProt Accession #	O15054
Molecular Weight	177kDa
NCBI Official Full Name	lysine-specific demethylase 6B isoform 1
NCBI Official Synonym Full Names	lysine demethylase 6B
NCBI Official Symbol	KDM6B
NCBI Official Synonym Symbols	JMJD3
NCBI Protein Information	lysine-specific demethylase 6B
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/jmjd3-antibody-western-blot-elisa/198556>