

Rabbit anti-Human, Mouse Kdm6b Polyclonal Antibody | anti-Kdm6b antibody

Kdm6b Polyclonal Antibody

CATALOG # AAA177143	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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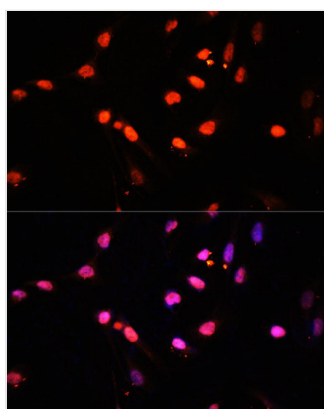
PRODUCT SYNONYMS

Kdm6b; Polyclonal Antibody; Kdm6b Polyclonal Antibody; KDM6B; JMJD3; anti-Kdm6b antibody

PRODUCT SPECIFICATIONS

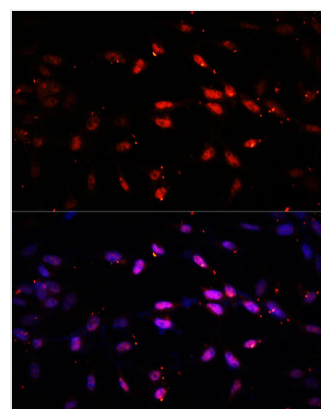
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-Kdm6b antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of mouse Kdm6b (NP_0010174261)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



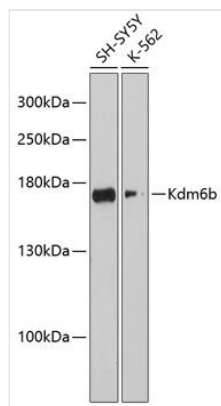
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using Kdm6b Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Kdm6b Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using Kdm6b Polyclonal Antibody at dilution of 1:3000.

ADDITIONAL INFORMATION

Related Product Information for anti-Kdm6b antibody	The protein encoded by this gene is a lysine-specific demethylase that specifically demethylates di- or tri-methylated lysine 27 of histone H3 (H3K27me2 or H3K27me3). H3K27 trimethylation is a repressive epigenetic mark controlling chromatin organization and gene silencing. This protein can also demethylate non-histone proteins such as retinoblastoma protein. Through its demethylation activity this gene influences cellular differentiation and development, tumorigenesis, inflammatory diseases, and neurodegenerative diseases. This protein has two classical nuclear localization signals at its N-terminus. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-Kdm6b antibody	Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	62945394
NCBI GeneID	216850
NCBI Accession #	NP_001017426.1
NCBI GenBank Nucleotide #	NM_001017426.1
UniProt Accession #	Q5NCY0; Q3UWY9; Q4VC26; Q6ZQD3
Molecular Weight	176,355 Da
NCBI Official Full Name	lysine-specific demethylase 6B
NCBI Official Synonym Full Names	KDM1 lysine (K)-specific demethylase 6B
NCBI Official Symbol	Kdm6b
NCBI Official Synonym Symbols	Jmjd3; BC038313; mKIAA0346; 1700064E03Rik
NCBI Protein Information	lysine-specific demethylase 6B
UniProt Protein Name	Lysine-specific demethylase 6B
UniProt Gene Name	Kdm6b
UniProt Synonym Gene Names	Jmjd3; Kiaa0346

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/kdm6b-antibody-immunofluorescence-western-blot-elisa/177143>