

Rabbit anti-Human, Mouse KDM3B Polyclonal Antibody | anti-KDM3B antibody

KDM3B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305516	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

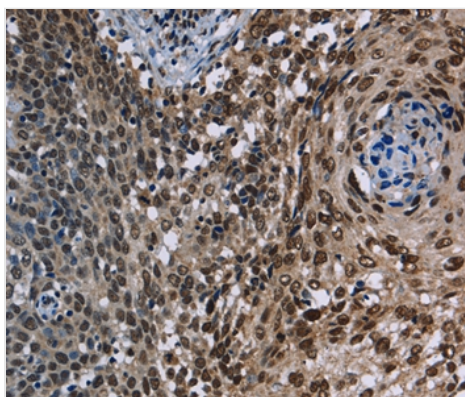
PRODUCT SYNONYMS

KDM3B; Polyclonal Antibody; KDM3B Antibody; 5qNCA; NET22; C5orf7; JMJD1B; anti-KDM3B antibody

PRODUCT SPECIFICATIONS

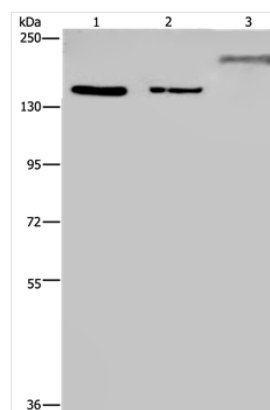
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KDM3B protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2 mg/ml (varies by lot)
Sequence Length	1761
Applicable Applications for anti-KDM3B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human lysine (K)-specific demethylase 3B
Target Name	KDM3B
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/40.



Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): Hela and 293T cell, mouse skeletal muscle tissue Amount of lysate: 40ug per lane Primary antibody: 1/1000 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-KDM3B antibody	JMJD1B (jumoni domain containing 1B), also known as KDM3B, 5qNCA (5q Nuclear Co-Activator) or C5orf7, is a member of the JHDM2 histone demethylase family of proteins. Expressed in a wide variety of tissues, JMJD1B localizes to the nucleus and contains one JMJC domain and a C-terminal zinc finger motif. JMJD1B functions as a histone demethylase and, using iron as a cofactor, demethylates lysine-9 of Histone H3. This suggests that JMJD1B plays a central role in the histone code. The gene encoding human JMJD1B is located within the 5q region of the genome that is often deleted in myeloid leukemias and myelodysplasias. This implies that JMJD1B may function as a tumor suppressor of myeloid leukemia. Ectopic expression of JMJD1B exhibits growth suppressive activities, further supporting a role for JMJD1B in tumor suppression.
Product Categories/Family for anti-KDM3B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	38372909
NCBI GeneID	51780
NCBI Accession #	NP_057688.2
NCBI GenBank Nucleotide #	NM_016604.3
UniProt Accession #	Q7LBC6; Q9BVH6; Q9BW93; Q9BZ52; Q9NYF4; Q9UPS0; A6H8X7
Molecular Weight	84,712 Da
NCBI Official Full Name	lysine-specific demethylase 3B
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 3B
NCBI Official Symbol	KDM3B
NCBI Official Synonym Symbols	5qNCA; NET22; C5orf7; JMJD1B
NCBI Protein Information	lysine-specific demethylase 3B
UniProt Protein Name	Lysine-specific demethylase 3B
UniProt Gene Name	KDM3B
UniProt Synonym Gene Names	C5orf7; JHDM2B; JMJD1B; KIAA1082
UniProt Entry Name	KDM3B_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/kdm3b-antibody-immunohistochemistry-western-blot-elisa/305516>