

Rabbit anti-Human Lysine-specific demethylase 5A Polyclonal Antibody | anti-KDM5A antibody

Rabbit anti-human Lysine-specific demethylase 5A polyclonal Antibody

CATALOG # AAA230487	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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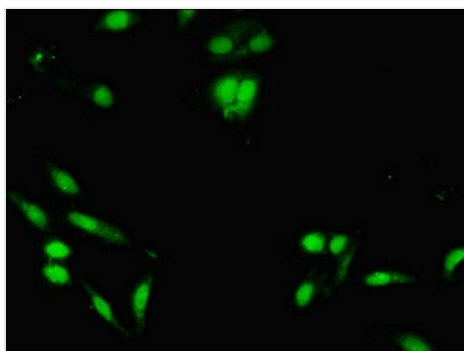
PRODUCT SYNONYMS

Lysine-specific demethylase 5A; Polyclonal Antibody; Rabbit anti-human Lysine-specific demethylase 5A polyclonal Antibody; Histone demethylase JARID1A; Jumonji/ARID domain-containing protein 1A; Retinoblastoma-binding protein 2; RBBP-2; KDM5A; JARID1A; RBBP2; RBP2; anti-KDM5A antibody

PRODUCT SPECIFICATIONS

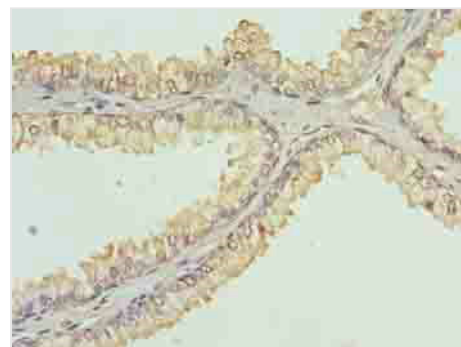
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	1690
Applicable Applications for anti-KDM5A antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Lysine-specific demethylase 5A protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-109001 / sc-107998 / sc-98358
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells using AAA230487 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA230487 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-KDM5A antibody	Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. May stimulate transcription mediated by nuclear receptors. May be involved in transcriptional regulation of Hox proteins during cell differentiation. May participate in transcriptional repression of cytokines such as CXCL12. This protein is a ubiquitously expressed nuclear protein. It binds directly, with several other proteins, to retinoblastoma protein which regulates cell proliferation. This protein also interacts with rhombotin-2 which functions distinctly in erythropoiesis and in T-cell leukemogenesis. Rhombotin-2 is thought to either directly affect the activity of the encoded protein or may indirectly modulate the functions of the retinoblastoma protein by binding to this protein. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Product Categories/Family for anti-KDM5A antibody	Transcription

NCBI AND UNIPROT INFORMATION

NCBI GI #	110618244
NCBI GeneID	5927
NCBI Accession #	NP_001036068.1
NCBI GenBank Nucleotide #	NM_001042603.2
UniProt Accession #	P29375; Q4LE72; Q86XZ1; A8MV76
Molecular Weight	186,289 Da
NCBI Official Full Name	lysine-specific demethylase 5A
NCBI Official Synonym Full Names	lysine demethylase 5A
NCBI Official Symbol	KDM5A
NCBI Official Synonym Symbols	RBP2; RBBP2; RBBP-2
NCBI Protein Information	lysine-specific demethylase 5A
UniProt Protein Name	Lysine-specific demethylase 5A
UniProt Gene Name	KDM5A
UniProt Synonym Gene Names	JARID1A; RBBP2; RBP2; RBBP-2
UniProt Entry Name	KDM5A_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.