

Rabbit JMJD2C Polyclonal Antibody | anti-KDM4C antibody

JMJD2C Antibody (C-term)

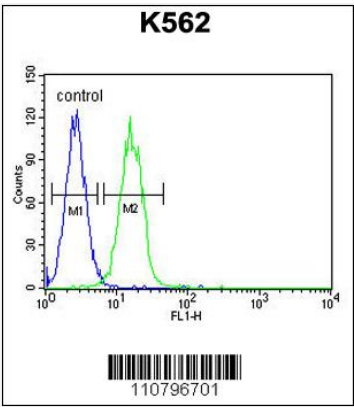
CATALOG # AAA287062	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

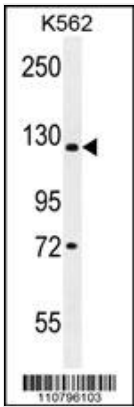
JMJD2C; Polyclonal Antibody; JMJD2C Antibody (C-term); Lysine-specific demethylase 4C; 11411-; Gene amplified in squamous cell carcinoma 1 protein; GASC-1 protein; JmjC domain-containing histone demethylation protein 3C; Jumonji domain-containing protein 2C; KDM4C; GASC1; JHDM3C; KIAA0780; anti-KDM4C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This JMJD2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1023-1056 amino acids from the C-terminal region of human JMJD2C.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	1023-1056
Sequence Length	835
Applicable Applications for anti-KDM4C antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
JMJD2C Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
JMJD2C Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the JMJD2C antibody detected the JMJD2C protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KDM4C antibody	This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein with one JmjC domain, one JmjN domain, two PHD-type zinc fingers, and two Tudor domains. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form. Chromosomal aberrations and increased transcriptional expression of this gene are associated with esophageal squamous cell carcinoma. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-KDM4C antibody	Cancer
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Suikki, H.E., et al. Prostate 70(8):889-898(2010) Kantojarvi, K., et al. Psychiatr. Genet. 20(3):102-108(2010) Liu, G., et al. Oncogene 28(50):4491-4500(2009) Canova, C., et al. Cancer Res. 69(7):2956-2965(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	226442889
NCBI GeneID	23081
NCBI Accession #	NP_001140166.1; NP_001140167.1; NP_001140168.1; NP_055876.2
NCBI GenBank Nucleotide #	NM_001146694.1
UniProt Accession #	Q9H3R0; O94877; Q2M3M0; Q5JUC9; Q5VYJ2; Q5VYJ3; B4E1Y4; B7ZL46; F5H347; F5H7P0
Molecular Weight	119982
NCBI Official Synonym Full Names	lysine (K)-specific demethylase 4C
NCBI Official Symbol	KDM4C
NCBI Official Synonym Symbols	GASC1; JHDM3C; JMJD2C; TDRD14C
NCBI Protein Information	lysine-specific demethylase 4C
UniProt Protein Name	Lysine-specific demethylase 4C

UniProt Gene Name	KDM4C
UniProt Synonym Gene Names	GASC1; JHDM3C; JMJD2C; KIAA0780; GASC-1 protein
UniProt Entry Name	KDM4C_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/jmjd2c-antibody-flow-cytometry-western-blot-elisa/287062>