

Rabbit anti-Human, Mouse KMT5C Polyclonal Antibody | anti-KMT5C antibody

[KO Validated] KMT5C Rabbit pAb

CATALOG # AAA281634	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

KMT5C; Polyclonal Antibody; [KO Validated] KMT5C Rabbit pAb; SUV420H2; Suv4-20h2; anti-KMT5C antibody

PRODUCT SPECIFICATIONS

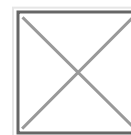
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	FLPESGFTIL PCTRYSMETN GAKIVSTRAW KKNEKLELLV GCIAELREAD EGLLRAGEND FSIMYSTRKR SAQLWLGPA FINHDCKPNC KFVPADGNAA C
Applicable Applications for anti-KMT5C antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human KMT5C (NP_116090.2).
Cellular Location	Chromosome, Nucleus
Positive Samples	HeLa, 293T, Jurkat, Mouse thymus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



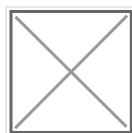
WB (Western Blot)

Western blot analysis of extracts from normal (control) and KMT5C Rabbit pAb knockout (KO) 293T cells, using KMT5C Rabbit pAb antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



WB (Western Blot)

Western blot analysis of extracts of Mouse thymus, using KMT5C antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KMT5C antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-KMT5C antibody	Background: SUV420H2 and the related enzyme SUV420H1 (MIM 610881) function as histone methyltransferases that specifically trimethylate nucleosomal histone H4 (see MIM 602822) on lysine-20 (K20).
Product Categories/Family for anti-KMT5C antibody	Epigenetics & Nuclear Signaling ; Epigenetic writers and erasers of core Histones ; Methylation

NCBI AND UNIPROT INFORMATION

NCBI GeneID	84787
UniProt Accession #	Q86Y97
Molecular Weight	Calculated MW: 10kDa/52kDa Observed MW: 52KDa
UniProt Protein Name	Histone-lysine N-methyltransferase SUV420H2
UniProt Gene Name	SUV420H2
UniProt Synonym Gene Names	KMT5C
UniProt Entry Name	SV422_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/kmt5c-antibody-western-blot-elisa/281634>