

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

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA244114	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

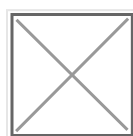
PRODUCT SYNONYMS

KMT5C; Polyclonal Antibody; Rabbit anti-Human KMT5C Polyclonal Antibody; Histone-lysine N-methyltransferase KMT5C (EC 2.1.1.43) (Lysine N-methyltransferase 5C) (Lysine-specific methyltransferase 5C) (Suppressor of variegation 4-20 homolog 2) (Su(var)4-20 homolog 2) (Suv4-20h2); SUV420H2; KMT5C Antibody; anti-KMT5C antibody

PRODUCT SPECIFICATIONS

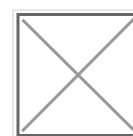
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid. Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-KMT5C antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Histone-lysine N-methyltransferase KMT5C protein (235-345aa)
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)

Western BlotPositive WB detected in: MCF-7 whole cell lysateAll lanes: KMT5C antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 53 kDaObserved band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KMT5C antibody	Histone methyltransferase that specifically trimethylates 'Lys-20' of histone H4. H4 'Lys-20' trimethylation represents a specific tag for epigenetic transcriptional repression. Mainly functions in pericentric heterochromatin regions, thereby playing a central role in the establishment of constitutive heterochromatin in these regions. KMT5C is targeted to histone H3 via its interaction with RB1 family proteins (RB1, RBL1 and RBL2) (By similarity).
Product Categories/Family for anti-KMT5C antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q86Y97
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-immunofluorescence-western-blot-elisa/244114>