

Rabbit SUV4-20H2 Polyclonal Antibody | anti-SUV420H2 antibody

SUV4-20H2 Antibody (Center)

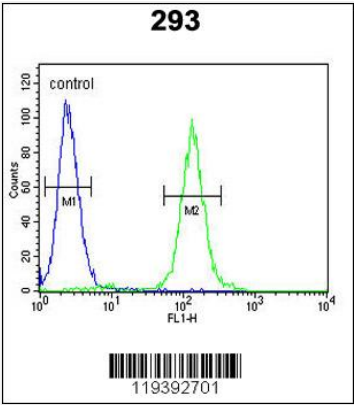
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287593	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

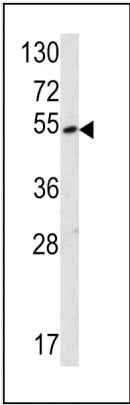
SUV4-20H2; Polyclonal Antibody; SUV4-20H2 Antibody (Center); Histone-lysine N-methyltransferase SUV420H2; Lysine N-methyltransferase 5C; Suppressor of variegation 4-20 homolog 2; Su(var)4-20 homolog 2; Suv4-20h2; SUV420H2; KMT5C; anti-SUV420H2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SUV4-20H2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-214 amino acids from the Central region of human SUV4-20H2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	4-20
Sequence Length	97
Applicable Applications for anti-SUV420H2 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)
SUV4-20H2 Antibody (Center) flow cytometric analysis of 293 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)
Western blot analysis of SUV4-20H2 antibody (Center) in mouse stomach tissue lysates (35ug/lane). SUV4-20H2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SUV420H2 antibody	SUV420H2 is a histone methyltransferase that specifically trimethylates 'Lys-20' of histone H4. H4 'Lys-20' trimethylation represents a specific tag for epigenetic transcriptional repression. The protein mainly functions in pericentric heterochromatin regions, thereby playing a central role in the establishment of constitutive heterochromatin in these regions. SUV420H1 is targeted to histone H3 via its interaction with RB1 family proteins (RB1, RBL1 and RBL2).
References	Souza,P.P., BMC Cell Biol. 10, 41 (2009) Tryndyak,V.P., Cancer Biol. Ther. 5 (1), 65-70 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543169
NCBI GeneID	84787
NCBI Accession #	NP_116090.2
NCBI GenBank Nucleotide #	NM_032701.3
UniProt Accession #	Q86Y97; Q8WZ10; Q9BRZ6
Molecular Weight	52113
NCBI Official Full Name	histone-lysine N-methyltransferase SUV420H2
NCBI Official Synonym Full Names	suppressor of variegation 4-20 homolog 2 (Drosophila)
NCBI Official Symbol	SUV420H2
NCBI Official Synonym Symbols	KMT5C
NCBI Protein Information	histone-lysine N-methyltransferase SUV420H2
UniProt Protein Name	Histone-lysine N-methyltransferase SUV420H2
UniProt Gene Name	SUV420H2
UniProt Synonym Gene Names	KMT5C; Su(var)4-20 homolog 2; Suv4-20h2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/suv4-20h2-antibody-flow-cytometry-western-blot-elisa/287593>