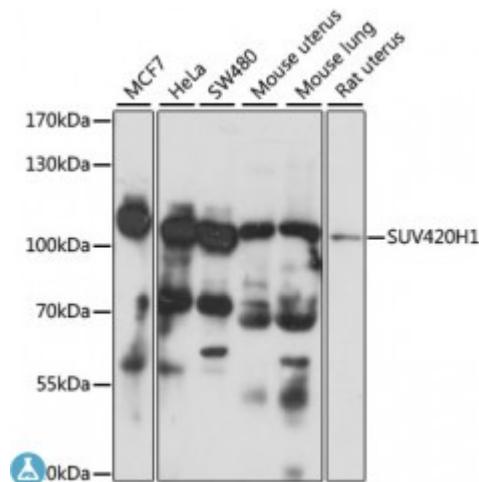


Anti-KMT5B Antibody



Description

This gene encodes a protein that contains a SET domain. SET domains appear to be protein-protein interaction domains that mediate interactions with a family of proteins that display similarity with dual-specificity phosphatases (dsPTPases). The function of this gene has not been determined. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Model	STJ117637
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human SUV420H1 (NP_060105.3).
Gene ID	51111
Gene Symbol	KMT5B
Dilution range	WB 1:200 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Histone-lysine N-methyltransferase KMT5B
Molecular Weight	99.187 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:24283 OMIM:610881 Reactome:R-HSA-3214841
Alternative Names	Histone-lysine N-methyltransferase KMT5B
Function	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, KMT5B is targeted to histone H3 via its interaction with RB1 family proteins (RB1, RBL1 and RBL2) , Plays a role in myogenesis by regulating the expression of target genes, such as EID3,
Cellular Localization	Nucleus,

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