

Rabbit SETD8 Antibody | anti-SETD8 antibody

SETD8 Antibody

CATALOG # AAA266620	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SETD8; SETD8 Antibody; KMT5A; PR-Set7; SET07; SET8; anti-SETD8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	322
Applicable Applications for anti-SETD8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human SETD8
Preparation and Storage	Store at -20°C or -80°C. Avoid freeze / thaw cycles

ADDITIONAL INFORMATION

Related Product Information for anti-SETD8 antibody	Protein-lysine N-methyltransferase that monomethylates both histones and non-histone proteins. Specifically monomethylates 'Lys-20' of histone H4 (H4K20me1). H4K20me1 is enriched during mitosis and represents a specific tag for epigenetic transcriptional repression. Mainly functions in euchromatin regions, thereby playing a central role in the silencing of euchromatic genes. Required for cell proliferation, probably by contributing to the maintenance of proper higher-order structure of DNA during mitosis. Involved in chromosome condensation and proper cytokinesis. Nucleosomes are preferred as substrate compared to free histones. Mediates monomethylation of p53/TP53 at 'Lys-382', leading to repress p53/TP53-target genes.
Product Categories/Family for anti-SETD8 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	1027250576
NCBI GeneID	387893
NCBI Accession #	NP_001311433.1
NCBI GenBank Nucleotide #	NM_001324504.1
UniProt Accession #	Q9NQR1 ; Q86W83 ; Q8TD09 ; A8K9D0
Molecular Weight	43kDa
NCBI Official Full Name	N-lysine methyltransferase KMT5A isoform 2

NCBI Official Synonym Full Names	lysine methyltransferase 5A
NCBI Official Symbol	KMT5A
NCBI Official Synonym Symbols	SET8; SET07; SETD8; PR-Set7
NCBI Protein Information	N-lysine methyltransferase KMT5A
UniProt Protein Name	N-lysine methyltransferase KMT5A
UniProt Gene Name	KMT5A
UniProt Synonym Gene Names	PR-Set7; PR/SET07

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://www.aaabiotech.com/rabbit-human-mouse-rat-antibody/setd8/266620>