

Rabbit anti-Human SETD7 Polyclonal Antibody | anti-SETD7 antibody

SETD7 Antibody

CATALOG # AAA303565	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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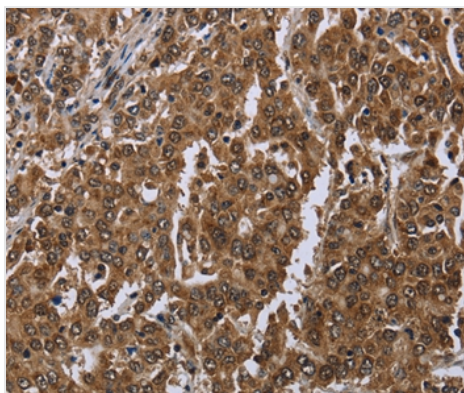
PRODUCT SYNONYMS

SETD7; Polyclonal Antibody; SETD7 Antibody; KMT7; SET7; SET9; SET7/9; anti-SETD7 antibody

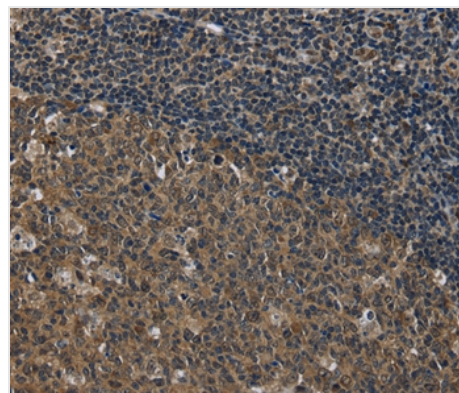
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SETD7 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	362
Applicable Applications for anti-SETD7 antibody	IHC (Immunohistochemistry)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human SET domain containing (lysine methyltransferase) 7
Target Name	SETD7
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human tonsil cancer tissue using at dilution 1/20.

ADDITIONAL INFORMATION

Related Product Information for anti-SETD7 antibody	The methylation of histones plays a pivotal role in the regulation of chromatin structure and gene expression. Histone methylation can occur on Arg or Lys residues, with an exquisite site selectivity for Lys methylation at specific positions in the N-termini of histones H3 and H4. SET7/9, a histone methyltransferase (HMTase), which transfers methyl groups to Lys4 of histone H3, forms a complex with S-adenosyl-L-methionine. This complex contains an active site consisting of a binding pocket where an AdoMet molecule in an unusual conformation binds, a narrow substrate-specific channel that only unmethylated lysine residues can access and a catalytic tyrosine residue.
Product Categories/Family for anti-SETD7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	807201031
NCBI GeneID	80854
NCBI Accession #	NP_001293128.1
NCBI GenBank Nucleotide #	NM_001306199.1
UniProt Accession #	Q8WTS6; Q0VAH3; Q4W5A9; Q9C0E6; B5WWL3
Molecular Weight	40,721 Da
NCBI Official Full Name	histone-lysine N-methyltransferase SETD7 isoform 2
NCBI Official Synonym Full Names	SET domain containing (lysine methyltransferase) 7
NCBI Official Symbol	SETD7
NCBI Official Synonym Symbols	KMT7; SET7; SET9; SET7/9
NCBI Protein Information	histone-lysine N-methyltransferase SETD7
UniProt Protein Name	Histone-lysine N-methyltransferase SETD7
UniProt Gene Name	SETD7
UniProt Synonym Gene Names	KIAA1717; KMT7; SET7; SET9; H3-K4-HMTase SETD7
UniProt Entry Name	SETD7_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/setd7-antibody-immunohistochemistry-elisa/303565>