

Rabbit SETD7 / SET7 Polyclonal Antibody | anti-SETD7 antibody

Rabbit Polyclonal (IgG) to Human SETD7 / SET7

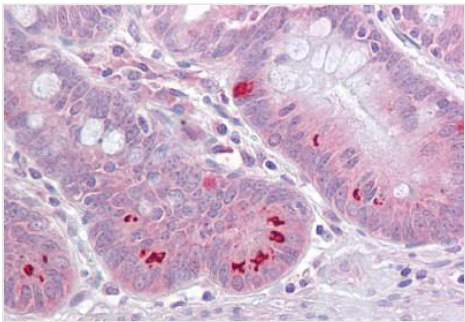
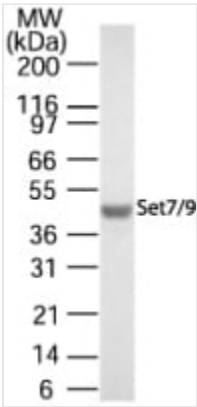
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51056	Rabbit	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Rabbit, Rat Predicted Reactivity: Chicken (at least 90% immunogen sequence identity)	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

SETD7 / SET7; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human SETD7 / SET7; Anti-SETD7 / SET7 Antibody (aa131-145) IHC-plus; SETD7; Lysine N-methyltransferase 7; KIAA1717; SET9; H3-K4-HMTase SETD7; KMT7; SET7; SET7/9; Human SETD7; anti-SETD7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Rabbit, Rat Predicted Reactivity: Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Isotype	IgG
Specificity	Two synthetic peptides corresponding to amino acids 131-145 (GEVNEDGEMTGEKIA) and336-352 (GYDHSPPGKSGPEAPEW) of human Set7/9 were used as immunogen; GenBank Accession No. NP_085151.1. These sequences are 100% conserved between human, mouse and rat.
Purity/Purification	Unpurified serum
Form/Format	PBS, 0.2% gelatin, 0.05% sodium azide.
Sequence Length	366
Applicable Applications for anti-SETD7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Two synthetic peptides corresponding to amino acids 131-145 (GEVNEDGEMTGEKIA) and336-352 (GYDHSPPGKSGPEAPEW) of human Set7/9 were used as immunogen; GenBank Accession No. NP_085151.1. These sequences are 100% conserved between human, mouse and rat.
Immunogen Type	Synthetic peptide
Immunogen	SETD7 / SET7 antibody was raised against two synthetic peptides corresponding to amino acids 131-145 (GEVNEDGEMTGEKIA) and336-352 (GYDHSPPGKSGPEAPEW) of human Set7/9 were used as immunogen; GenBank Accession No. NP_085151.1. These sequences are 100% conserved between human, mouse and rat. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Dog, Bat, Horse, Rabbit, Platypus (100%); Turkey, Chicken (93%); Opossum, Stickleback (87%); Lizard, Xenopus (80%).
Antigen Modification	aa131-145
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.



IHC (Immunohistochemistry)
Anti-SETD7 / SET7 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

WB (Western Blot)
Western blot analysis for Set7/9 using antibody at 1:500 on 20 ug of HeLa whole cell lysate.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18139549
NCBI GeneID	80854
NCBI Accession #	NP_085151.1
NCBI GenBank Nucleotide #	NM_030648.2
UniProt Accession #	Q8WTS6; Q0VAH3; Q4W5A9; Q9C0E6; B5WWL3
Molecular Weight	40,721 Da
NCBI Official Full Name	histone-lysine N-methyltransferase SETD7
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; H3-K4-HMTase SETD7; lysine N-methyltransferase 7; SET domain-containing protein 7; histone H3-K4 methyltransferase SETD7; histone H3-lysine 4-specific methyltransferase
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-set7-antibody-western-blot-immunohistochemistry-elisa/51056>