SETD3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SETD3, Polyclonal Antibody
Full Product Name	SETD3 Antibody, FITC conjugated
Product Gene Name	anti-SETD3 antibody
Product Synonym Names	Histone-lysine N-methyltransferase setd3; SET domain-containing protein 3; SETD3; C14orf154
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: SETD3 (MBS7108339) FITC Conjugated Antibody: SETD3 (MBS7108341)
Molecular Weight	32,540 Da
OMIM	BX161441 mRNA
3D Structure	ModBase 3D Structure for Q86TU7
Immunogen	Recombinant Human Histone-lysine N-methyltransferase setd3 protein (166-265AA)
Conjugation	FITC
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-SETD3 antibody	Cell Biology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SETD3 antibody	ELISA (EIA)
Related Product Information for anti-SETD3 antibody	Histone methyltransferase that methylates 'Lys-4' and 'Lys-36' of histone H3 (H3K4me and H3K36me). Acts as a transcriptional activator. Plays an important role in the transcriptional regulation of muscle cell differentiation via interaction with MYOD1.
Other Notes	Small volumes of anti-SETD3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SETD3 purchase	MBS7108341 is an antibody targeting SETD3. Also known as SETD3 Antibody, FITC conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SETD3. It may not necessarily be applicable to this product.

NCBI GI #	40068481
NCBI GeneID	84193
NCBI Accession #	NP_115609.2
UniProt Primary Accession #	Q86TU7
UniProt Secondary Accession #	Q0VAQ2; Q659C0; Q86TU8; Q96GY9; Q9H5U5; A0PJU3; A5PLP0; B4DZE8
UniProt Related Accession #	Q86TU7
GenBank Nucleotide #	NM_032233.2
NCBI Official Full Name	histone-lysine N-methyltransferase setd3 isoform a
NCBI Official Synonym Full Names	SET domain containing 3
NCBI Official Symbol	SETD3
NCBI Official Synonym Symbols	C14orf154
UniProt Protein Name	Histone-lysine N-methyltransferase setd3
UniProt Synonym Protein Names	SET domain-containing protein 3
Protein Family	Histone-lysine N-methyltransferase
UniProt Gene Name	SETD3
UniProt Synonym Gene Names	C14orf154
NCBI Protein Information	histone-lysine N-methyltransferase setd3
Research Articles on SETD3	**1.** these data elucidated that a GSK3beta-FBXW7beta-dependent mechanism controls SETD3 protein levels during the cell cycle and attenuates its oncogenic role in liver tumorigenesis.
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