MEAF6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MEAF6, Polyclonal Antibody
Full Product Name	MEAF6 Antibody, Biotin conjugated
Product Gene Name	anti-MEAF6 antibody
Product Synonym Names	Chromatin modification-related protein MEAF6; MYST/Esa1-associated factor 6; Esa1-associated factor 6 homolog; Protein EAF6 homolog; hEAF6; Sarcoma antigen NY-SAR-91; MEAF6
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: MEAF6 (MBS7109524) Biotin Conjugated Antibody: MEAF6 (MBS7109527)
Molecular Weight	21,709 Da
OMIM	BX538212 mRNA
3D Structure	ModBase 3D Structure for Q9HAF1
Immunogen	Recombinant Human Chromatin modification-related protein MEAF6 protein (113-174AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-MEAF6 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MEAF6 antibody	ELISA (EIA)
Related Product Information for anti-MEAF6 antibody	Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity.
Other Notes	Small volumes of anti-MEAF6 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 MEAF6 purchase	MBS7109527 is an antibody targeting MEAF6. Also known as MEAF6 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MEAF6. It may not necessarily be applicable to this product.

NCBI GI #	400153656
NCBI GeneID	64769
NCBI Accession #	NP_001257804.1
UniProt Primary Accession #	Q9HAF1
UniProt Secondary Accession #	Q4F967; Q7Z311; Q86WE3; B1AK64
UniProt Related Accession #	Q9HAF1
GenBank Nucleotide #	NM_001270875.1
NCBI Official Full Name	chromatin modification-related protein MEAF6 isoform 2
NCBI Official Synonym Full Names	MYST/Esa1 associated factor 6
NCBI Official Symbol	MEAF6
NCBI Official Synonym Symbols	EAF6; CENP-28; C1orf149; NY-SAR-91
UniProt Protein Name	Chromatin modification-related protein MEAF6
UniProt Synonym Protein Names	Esa1-associated factor 6 homolog; Protein EAF6 homolog; hEAF6; Sarcoma antigen NY-SAR-91
Protein Family	Chromatin modification-related protein
UniProt Gene Name	MEAF6
UniProt Synonym Gene Names	MYST/Esa1-associated factor 6; Protein EAF6 homolog; hEAF6
NCBI Protein Information	chromatin modification-related protein MEAF6
NCBI Summary for MEAF6	This gene encodes a nuclear protein involved in transcriptional activation. The encoded protein may form a component of several different histone acetyltransferase complexes. There is a pseudogene for this gene on chromosome 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Research Articles on MEAF6	**1.** ZC3H7B-BCOR and MEAF6-PHF1 fusions occurred predominantly in S100 protein-negative and malignant ossifying fibromyxoid tumors.
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