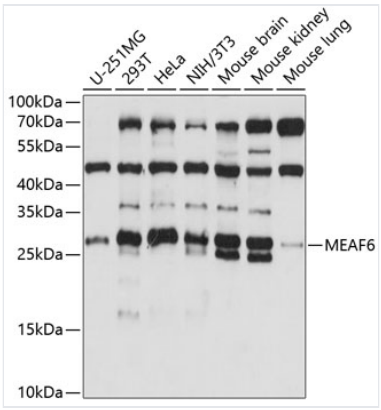
MEAF6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MEAF6, Polyclonal Antibody
Full Product Name	MEAF6 Polyclonal Antibody
Product Gene Name	anti-MEAF6 antibody
Product Synonym Names	MEAF6; C1orf149; CENP-28; EAF6; NY-SAR-91; MYST/Esa1 associated factor 6
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 50% glycerol, pH7.4
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	611001
3D Structure	ModBase 3D Structure for Q9HAF1
Immunogen	Recombinant fusion protein of human MEAF6 (NP_001257804.1).
Conjugation	Unconjugated
Product Categories/Family for anti-MEAF6 antibody	Total protein Ab
Applications Tested/Suitable for anti-MEAF6 antibody	Western Blot (WB)
Application Notes for anti-MEAF6 antibody	WB: 1:500-1:2000
Related Product Information for anti-MEAF6 antibody	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.
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	MBS9432248 is an antibody targeting MEAF6. Also known as MEAF6 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-MEAF6 antibody
Western blot analysis of extracts of various cell lines, using MEAF6 antibody.

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 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	C1orf149; EAF6; MYST/Esa1-associated factor 6; Protein EAF6 homolog; hEAF6
UniProt Entry Name	EAF6_HUMAN
NCBI Protein Information	chromatin modification-related protein MEAF6

UniProt Comments for MEAF6	MEAF6: 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. Belongs to the EAF6 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleolus; Unknown function Chromosomal Location of Human Ortholog: 1p35.3-p33 Cellular Component: nucleoplasm; centrosome; NuA4 histone acetyltransferase complex; cytoplasm; nucleolus Molecular Function: protein binding Biological Process: establishment and/or maintenance of chromatin architecture; regulation of transcription, DNA-dependent; transcription, DNA-dependent
Research Articles on MEAF6	**1.** These findings suggest that the MEAF6-1 variant does not induce neuroendocrine differentiation of prostate cancer cells, but rather facilitates t-NEPC progression by increasing the proliferation rate of cells that have acquired neuroendocrine phenotypes.
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