

MEAF6 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21990b

Product Information

Application	WB, E
Primary Accession	Q9HAF1
Other Accession	Q58CU0 , Q2VPQ9
Reactivity	Human, Mouse
Predicted	Bovine, Mouse, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54328
Calculated MW	21635

Additional Information

Gene ID	64769
Other 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, C1orf149, EAF6
Target/Specificity	This MEAF6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 120-154 amino acids from human MEAF6.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MEAF6 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MEAF6 (HGNC:25674)
Synonyms	C1orf149, CENP-28, EAF6

Function	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 (PubMed: 14966270). This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription (PubMed: 14966270). Component of HBO1 complexes, which specifically mediate acetylation of histone H3 at 'Lys-14' (H3K14ac), and have reduced activity toward histone H4 (PubMed: 16387653 , PubMed: 24065767). Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity (PubMed: 18794358).
Cellular Location	Nucleus, nucleolus. Chromosome, centromere, kinetochore

Background

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.

References

Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Lin L.,et al.Submitted (JUN-2005) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Lee S.-Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:2651-2656(2003).

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