

**MEAF6 Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21990b****Specification**

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**MEAF6 Antibody (C-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q9HAF1</a>
Other Accession	<a href="#">Q58CU0</a> , <a href="#">Q2VPQ9</a>
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	21635
Antigen Region	120-154

**MEAF6 Antibody (C-Term) - 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 0.09% (W/V) sodium azide. 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.

**MEAF6 Antibody (C-Term) - 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**

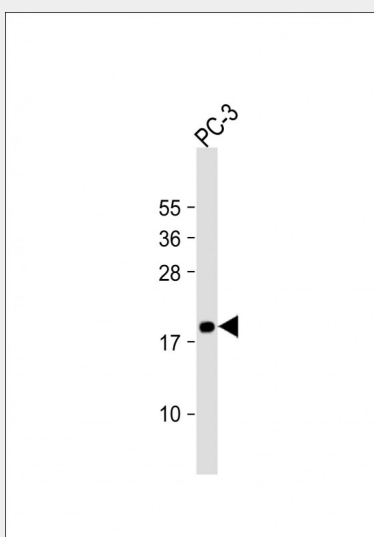
Nucleus, nucleolus. Chromosome, centromere, kinetochore

**MEAF6 Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MEAF6 Antibody (C-Term) - Images**



Anti-MEAF6 Antibody (C-Term) at 1:2000 dilution + PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

**MEAF6 Antibody (C-Term) - 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.

**MEAF6 Antibody (C-Term) - 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).