

## EAF6 rabbit pAb

<b>Catalog No :</b>	YT7305
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB
<b>Target :</b>	EAF6
<b>Gene Name :</b>	MEAF6 C1orf149 EAF6
<b>Protein Name :</b>	EAF6
<b>Human Gene Id :</b>	64769
<b>Human Swiss Prot No :</b>	Q9HAF1
<b>Mouse Gene Id :</b>	70088
<b>Mouse Swiss Prot No :</b>	Q2VPQ9
<b>Immunogen :</b>	Synthesized peptide derived from human EAF6 AA range: 94-144
<b>Specificity :</b>	This antibody detects endogenous levels of EAF6 at Human/Mouse
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1[?]500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

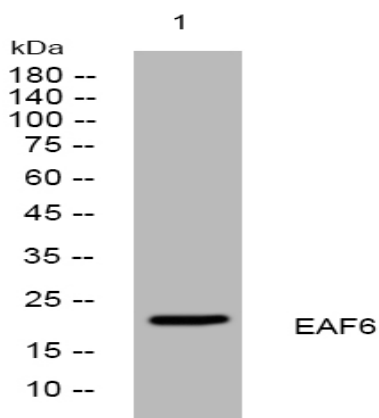
**Molecularweight :** 21kD

**Background :** 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],

**Function :** 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. 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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the EAF6 family.,subunit:Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit HTATIP and the subunits EP400, TRRAP, BRD8, EPC1, DMAP1, RUVBL1, RUVBL2, ING3, actin, ACTL6A, MORF4L1, MORF4L2, MRGBP, YEATS4, VPS72 and EAF6.

**Subcellular Location :** Nucleus, nucleolus . Chromosome, centromere, kinetochores .

## Products Images



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4° over night