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p400 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58952

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q96L91
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	343489

Additional Information

Gene ID	57634
Other Names	E1A-binding protein p400, 3.6.4.-, CAG repeat protein 32, Domino homolog, hDomino, Trinucleotide repeat-containing gene 12 protein, p400 kDa SWI2/SNF2-related protein, EP400, CAGH32, KIAA1498, KIAA1818, TNRC12
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	EP400
Synonyms	CAGH32, KIAA1498, KIAA1818, TNRC12
Function	Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones 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. May be required for transcriptional activation of E2F1 and MYC target genes during cellular proliferation. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. May regulate ZNF42 transcription activity. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AZ1 from the nucleosome.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00549}.
Tissue Location	Ubiquitously expressed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.