

# Product datasheet

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ARG67286 anti-P400 antibody

Package: 100 μl Store at: -20°C

## **Summary**

**Target Name** 

Product Description Rabbit Polyclonal antibody recognizes P400

Tested Reactivity Hu
Tested Application WB

Host Rabbit

**Clonality** Polyclonal

Species Human

Immunogen Recombinant fusion protein of human p400

P400

Conjugation Un-conjugated

Alternate Names EP400; E1A Binding Protein P400; CAGH32; KIAA1498; KIAA1818; TNRC12; E1A-binding protein p400;

CAG repeat protein 32; Domino homolog; hDomino; Trinucleotide repeat-containing gene 12 protein;

p400 kDa SWI2/SNF2-related protein

## **Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	400 kDa	

## **Properties**

Form Liquid

**Purification** Affinity chromatography purified

Buffer 0.42% Potassium phosphate, 0.87% NaCl, 0.01% sodium azide, and 30% glycerol.

Preservative 0.01% sodium azide

Stabilizer 30% glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol EP400

Gene Full Name E1A Binding Protein P400

Background Predicted to enable chromatin binding activity. Involved in positive regulation of double-strand break

repair via homologous recombination and regulation of cell cycle. Part of NuA4 histone acetyltransferase complex; Swr1 complex; and nucleosome. [provided by Alliance of Genome

Resources, Jun 2025]

Function Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional

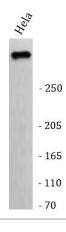
activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. May be required for transcriptional activation 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. [UniProt]

Calculated Mw 343 kDa

PTM Acetylation; Phosphoprotein. [UniProt]

Cellular Localization Nucleus. [UniProt]

## **Images**



#### ARG67286 anti-P400 antibody WB image

Western blot: Hela stained with ARG67286 anti-P400 antibody.