

EP400 Rabbit pAb

CatalogNo: YT7494

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IHC, IF

MW

- 347kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:50-200

IF 1:50-200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human EP400 AA range: 2057-2107

Specificity This antibody detects endogenous levels of EP400 at Human/Mouse

Target Information

Gene name EP400 CAGH32 KIAA1498 KIAA1818 TNRC12

Protein Name EP400

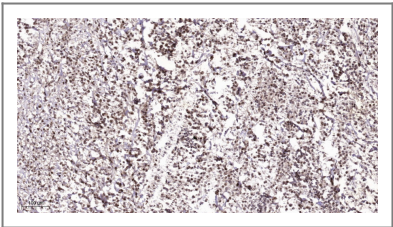
Organism	Gene ID	UniProt ID
Human	57634 ;	Q96L91 ;
Mouse	75560 ;	Q8CHI8 ;

Cellular Localization Nucleus .

Tissue specificity Ubiquitously expressed.

Function Caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,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.,sequence Caution:Contaminating sequence. Potential poly-A sequence.,sequence Caution:Intron retention.,similarity:Belongs to the SNF2/RAD54 helicase family. SWR1 subfamily.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 1 HSA domain.,similarity:Contains 1 Myb-like domain.,subunit:Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit HTATIP/TIP60 and the subunits EP400, TRRAP/PAF400, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, ING3, actin, ACTL6A/BAF53A, MORF4L1/MRG15, MORF4L2/MRGX, MRGBP, YEATS4/GAS41, VPS72/YL1 and EAF6. May also participate in the formation of NuA4 related complexes which lack the HTATIP/TIP60 catalytic subunit, but which include the SWI/SNF related protein SRCAP. The NuA4 complex interacts with MYC and the adenovirus E1A protein. EP400 interacts with TRRAP, RUVBL1 and RUVBL2. Interacts with ZNF42.,tissue specificity:Ubiquitously expressed.,

| Validation Data



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

| Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: http://www.immunoway.com
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
to access additional
product information:
EP400 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)