

Rabbit anti-Human, Mouse p400 Polyclonal Antibody | anti-p400 antibody

Rabbit anti-p400 Antibody, Affinity Purified

CATALOG # AAA211010	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

p400; Polyclonal Antibody; Rabbit anti-p400 Antibody; Affinity Purified; P400; trinucleotide repeat-containing gene 12 protein; p400 SWI2/SNF2-related protein; TNRC12; p400 kDa SWI2/SNF2-related protein; hDomino; E1A-binding protein p400; trinucleotide repeat containing 12; domino homolog; CAGH32; CAG repeat protein 32; hDomino(p400); E1A binding protein p400; anti-p400 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-p400 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Horse, Pig, Orangutan, Monkey, Gorilla, Chimpanzee
Immunogen	Between 3109 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of mouse p400 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-p400 antibody AAA211010 (lot AAA211010-2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of human p400 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, K-562, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-p400 antibody AAA211010 (lot AAA211010-2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human p400 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-p400 antibody AAA211010 (lot AAA211010-2) used for IP at 6 ug per reaction. p400 was also immunoprecipitated by a previous lot of this antibody (lot AAA211010-1) and rabbit anti-p400 antibody BL1876. For blotting immunoprecipitated p400, AAA211010 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-p400 antibody	p400 belongs to the SWI2/SNF2 family of chromatin remodeling proteins and is a component of the NuA4 histone acetyltransferase complex. In this complex p400 positively regulates transcription by modifying nucleosome structure. P400 has also been found to play a role in the p52-p21 pathway that regulates p21 transcription and senescence as well as the ARF-p53 pathway that couples cell proliferation to apoptosis.
Product Categories/Family for anti-p400 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	331284125
NCBI GeneID	57634
NCBI Accession #	NP_056224.3
NCBI GenBank Nucleotide #	NM_015409.4
UniProt Accession #	Q96L91; O15411; Q6P2F5; Q8N8Q7; Q8NE05; Q96JK7; Q9P230
Molecular Weight	343,489 Da
NCBI Official Full Name	E1A-binding protein p400
NCBI Official Synonym Full Names	E1A binding protein p400
NCBI Official Symbol	EP400
NCBI Official Synonym Symbols	P400; CAGH32; TNRC12
NCBI Protein Information	E1A-binding protein p400; hDomino; domino homolog; CAG repeat protein 32; p400 SWI2/SNF2-related protein; p400 kDa SWI2/SNF2-related protein; trinucleotide repeat containing 12; trinucleotide repeat-containing gene 12 protein
UniProt Protein Name	E1A-binding protein p400
UniProt Gene Name	EP400
UniProt Synonym Gene Names	CAGH32; KIAA1498; KIAA1818; TNRC12; hDomino
UniProt Entry Name	EP400_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.