

Rabbit P300/CBP Polyclonal Antibody | anti-P300/CBP antibody

P300/CBP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307426	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

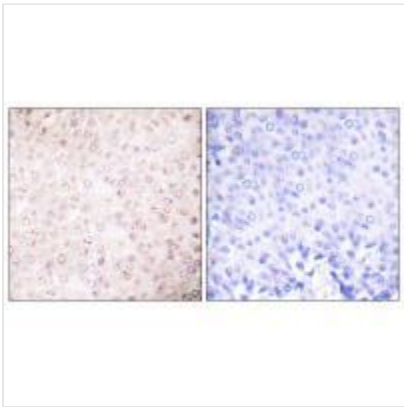
PRODUCT SYNONYMS

P300/CBP; Polyclonal Antibody; P300/CBP Antibody; CREB-binding protein; CREBBP E1A-associated protein p300; EP300; P300 transcription coactivator homolog; anti-P300/CBP antibody

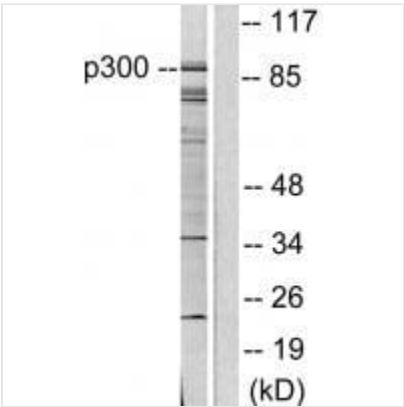
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total P300/CBP protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	2414
Applicable Applications for anti-P300/CBP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human P300/CBP.
Target Name	P300/CBP
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using P300/CBP antibody.



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using P300/CBP antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-P300/CBP antibody	Acetylates histones, giving a specific tag for transcriptional activation. Also acetylates non-histone proteins, like NCOA3 and FOXO1. Binds specifically to phosphorylated CREB and enhances its transcriptional activity toward cAMP-responsive genes. Acts as a coactivator of ALX1 in the presence of EP300. Acts as a circadian transcriptional coactivator which enhances the activity of the circadian transcriptional activators: NPAS2-ARNTL/BMAL1 and CLOCK-ARNTL/BMAL1 heterodimers.Gerd A. Blobel, J. Leukoc. Biol., Apr 2002; 71: 545. Eric Kalkhoven, Hum. Mol. Genet., Feb 2003; 12: 441 - 450. Wei-fang Shen, Mol. Cell. Biol., Nov 2001; 21: 7509 - 7522. Frederick C. Nucifora, Science, Mar 2001; 291: 2423.
Product Categories/Family for anti-P300/CBP antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345997
NCBI GeneID	8850
NCBI Accession #	NP_001420.2
NCBI GenBank Nucleotide #	NM_001429.3
UniProt Accession #	Q09472; B1AKC2
Molecular Weight	93kd
NCBI Official Full Name	histone acetyltransferase p300
NCBI Official Synonym Full Names	E1A binding protein p300
NCBI Official Symbol	EP300
NCBI Official Synonym Symbols	p300; KAT3B; RSTS2
NCBI Protein Information	histone acetyltransferase p300
UniProt Protein Name	Histone acetyltransferase p300
UniProt Gene Name	EP300
UniProt Synonym Gene Names	P300; p300 HAT
UniProt Entry Name	EP300_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/p300-cbp-antibody-immunohistochemistry-western-blot-elisa/307426>