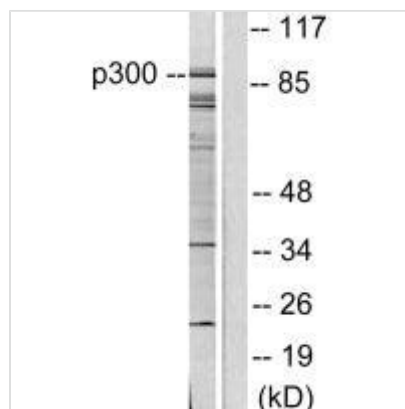


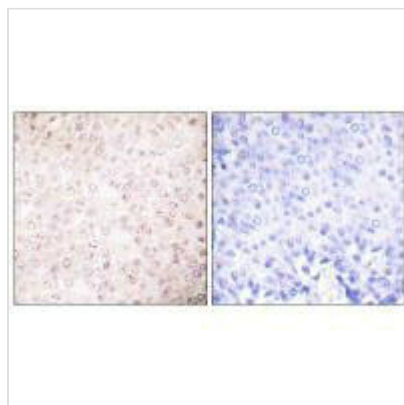


EP300/CREBBP Antibody

Product Code	CSB-PA265859
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q09472
Immunogen	Synthesized peptide derived from Human P300/CBP.
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Specificity	The antibody detects endogenous levels of total P300/CBP protein.
Tested Applications	ELISA, WB, IHC; WB: 1:500-1:3000, IHC: 1:50-1:100
Relevance	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.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	CREB-binding protein; CREBBP E1A-associated protein p300; EP300; P300 transcription coactivator homolog;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	EP300/CREBBP
Image	



Western blot analysis of extracts from COLO205 cells, using P300/CBP antibody.



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