

P300/CBP Antibody

Catalog No: #33460

Package Size: #33460-1 50ul #33460-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

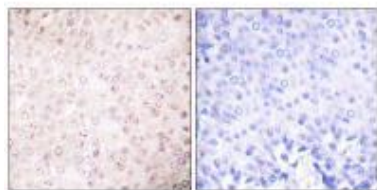
Product Name	P300/CBP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total P300/CBP protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human P300/CBP.
Conjugates	Unconjugated
Target Name	P300/CBP
Other Names	CAF; PCAF; P/CAF; KAT2B
SDS-PAGE MW	93kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

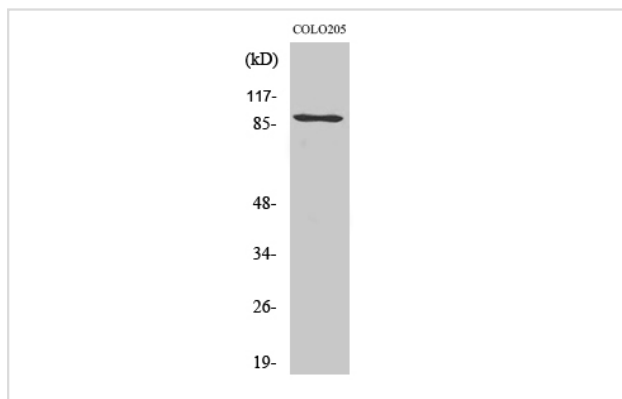
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using P300/CBP antibody #33460.



Western blot analysis of extracts from COLO205 cells, using P300/CBP antibody #33460.

Background

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.

Published Papers

el at., Cytoplasmic expression of p33ING1b is correlated with tumorigenesis and progression of head and neck squamous cell carcinoma. In Histol Histopathol on 2011 May by Xiao-Han Li, Akira Noguchi, et al..PMID: 21432775, , (2011)

[PMID:21432775](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.