

p300 (phospho Ser89) Polyclonal Antibody

Catalog No: #13650

Package Size: #13650-1 50ul #13650-2 100ul

Description

Product Name	p300 (phospho Ser89) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-p300 (S89) Polyclonal Antibody detects endogenous levels of p300 protein only when phosphorylated at S89.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human p300 around the phosphorylation site of Ser89. AA range:55-104
Conjugates	Unconjugated
Other Names	EP300; P300; Histone acetyltransferase p300; p300 HAT; E1A-associated protein p300
Accession No.	Swiss Prot:Q09472GeneID:2033
Calculated MW	264kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

E1A binding protein p300(EP300) Homo sapiens This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It functions as histone acetyltransferase that regulates transcription via chromatin remodeling and is important in the processes of cell proliferation and differentiation. It mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. This gene has also been identified as a co-activator of HIF1A (hypoxia-inducible factor 1 alpha), and thus plays a role in the stimulation of hypoxia-induced genes such as VEGF. Defects in this gene are a cause of Rubinstein-Taybi syndrome and may also play a role in epithelial cancer. [provided by RefSeq, Jul 2008],

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