

Anti-p300 Rabbit pAb

Purified Rabbit Polyclonal Antibody

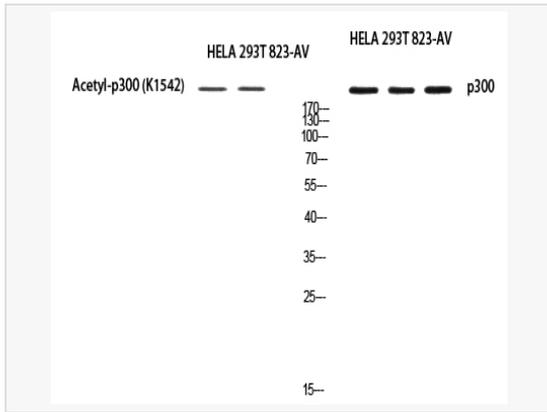
Catalog # P011812

Product Information

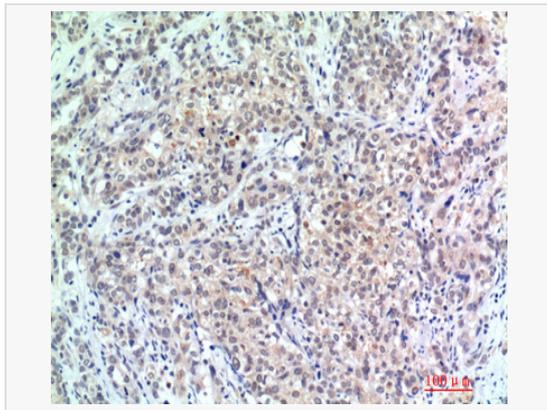
Application	ICC/IF (Cell), WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthesized peptide derived from the Internal region of human p300.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-p300 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	EP300, P300, Histone acetyltransferase p300, p300 HAT, E1A-associated protein p300.
Calculated MW	Calculated MW: 264 kDa; Observed MW: 300 kDa
Uniprot ID	Q09472
Gene ID	2033
Background	EP300: E1A binding protein p300. 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.



Western blot analysis of p300 in HELA, 293T, 823AV lysates using p300 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breastcancer using p300 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.