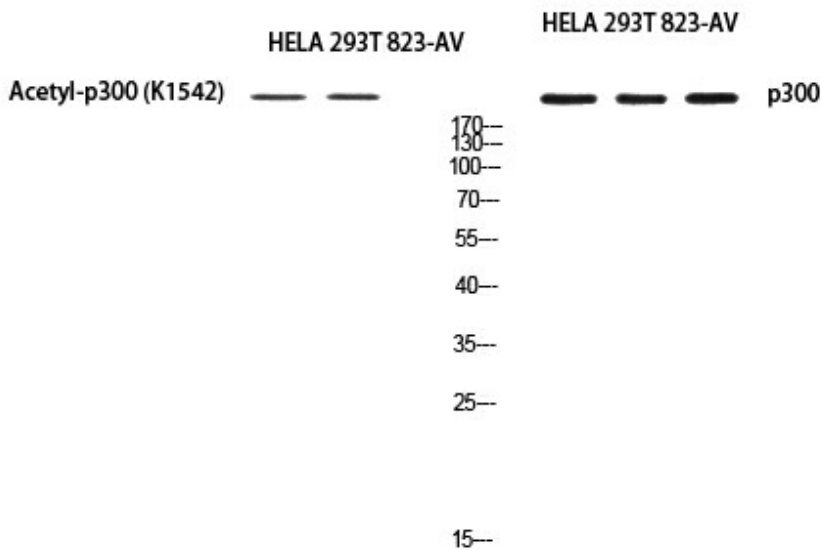
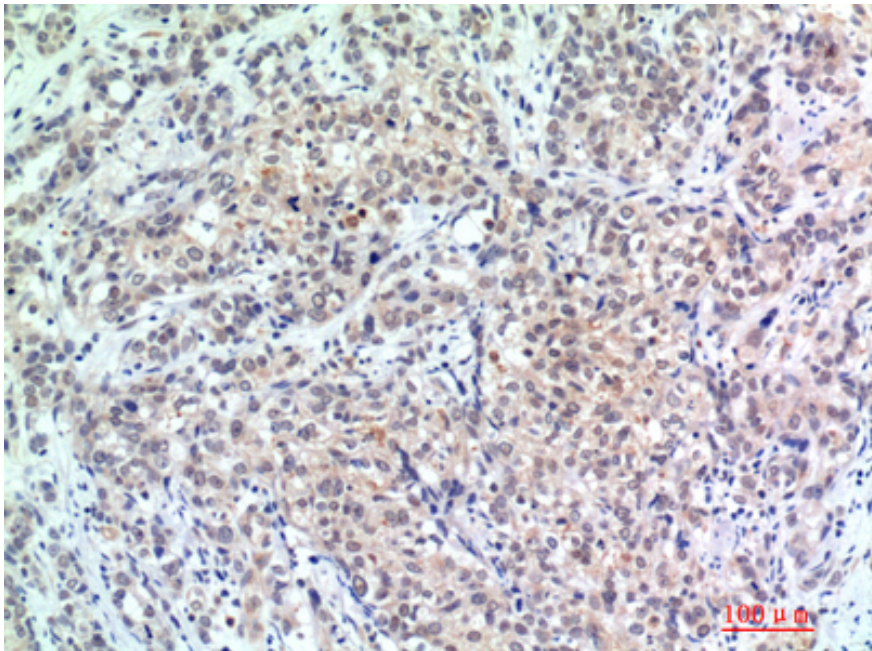
	<p>p300 Rabbit pAb</p>	<p>E 2 3 4 7 2 2 0</p>
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Swiss-Prot No.:	Q09472
Altername:	EP300; P300; Histone acetyltransferase p300; p300 HAT; E1A-associated protein p300
Immunogen:	Synthesized peptide derived from the Internal region of human p300.
Purification:	Affinity Purified
Reactivity:	Human,Mouse,Rat
Other Names:	EP300;P300;Histone acetyltransferase p300;p300 HAT;E1A-associated protein p300
Cellular localization:	Chromosome, Cytoplasm, Nucleus
Source:	Rabbit
Antibody type:	Polyclonal Antibody
Isotype:	IgG
Molecular Weight:	Calculated MW: 264 kDa; Observed MW: 300 kDa
Recommended Dilutions:	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Product Type:	Primary Antibody

For Research Use Only

Applications:	ICC/IF, WB, IHC-F, IHC-P, ELISA
Background:	<p>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.</p>
Clone Number:	-
Gene Name:	EP300
Gene ID:	2033
Storage/Stability:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Form of Antibody:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
	 <p>Western blot analysis of Acetyl-p300 (K1542) and p300 in HELA 293T 823-AV cells. The blot shows two main bands: one for Acetyl-p300 (K1542) and one for p300. Molecular weight markers are indicated on the right: 170, 130, 100, 70, 55, 40, 35, 25, and 15 kDa.</p>

	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.