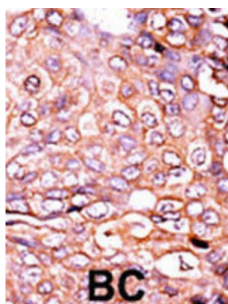
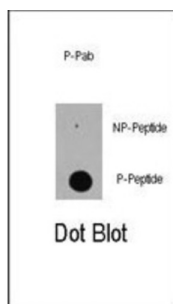


EP300 (pS89) Antibody

Catalogue No.: abx031894



EP300 encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. p300 is related by sequence to CPB (CREB-binding protein [CREB: cyclic-AMP responsive element binding protein]), and like CPB can stimulate transcription through activation of CREB. This EP300 activity is specifically inhibited by the adenovirus oncoprotein E1A. EP300 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.

Target:	EP300 (pS89)
Clonality:	Polyclonal
Target Modification:	Ser89
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, IHC, DB
Host:	Rabbit
Recommended dilutions:	IHC-P: 1/50 - 1/100, DB: 1/500. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated

Datasheet

Version: 3.0.0
Revision date: 10 Oct 2025



Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S89 of human EP300.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by protein G affinity chromatography. Then, the antibody fraction was peptide affinity purified in a 2-step procedure with control and phosphorylated peptides. The phospho-specific antibody was eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q09472 (UniProt , ExPASy)
NCBI Accession:	NP_001420.2
KEGG:	hsa:2033
String:	9606.ENSP00000263253
Molecular Weight:	Calculated MW: 264 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse EP300.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.