

## P300/CBP Conjugated Antibody

Catalog No: #C33460



Package Size: #C33460-Conjugated 50ul

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## Description

Product Name	P300/CBP Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total P300/CBP protein.
Immunogen Description	Synthesized peptide derived from human P300/CBP.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CREB-binding protein; CREBBP E1A-associated protein p300; EP300; P300 transcription coactivator homolog
Calculated MW	93
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF: 1:50-1:200

## Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## 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.

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