

**Product Name: P300/CBP Rabbit Monoclonal Antibody**  
**Catalog #: AMRe86527**



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## Summary

<b>Production Name</b>	P300/CBP Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, ICC/IF, FC, IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	P300/CBP
<b>Alternative Names</b>	p300; KAT3B; MKHK2; RSTS2
<b>Gene ID</b>	2033
<b>SwissProt ID</b>	Q09472.

## Application

<b>Dilution Ratio</b>	WB: 1:1000 ICC/IF: 1:100 FC: 1:200-1:500 IP: 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:264 kDa; Observed MW:300 kDa

## Background

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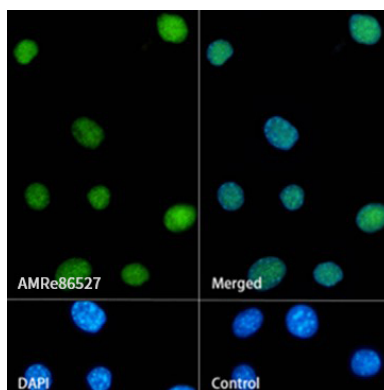
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This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It functions as histone acetyltransferase that regulates transcription via chromatin remodeling and is important in the processes of cell proliferation 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]

## Research Area

## Image Data



Immunofluorescence analysis of NIH/3T3 cells labelling P300/CBP with AMRe86527.

## Note

For research use only.