

Product Data Sheet

Anti-p300 Antibody

Catalog #	Source	Reactivity	Applications
CPA1389	Rabbit	H, M, R, B, C, D, P	WB, IH
Description	Rabbit polyclonal antibody to p300		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human p300. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of p300 protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	EP300		
Alternative Names	P300; Histone acetyltransferase p300; p300 HAT; E1A-associated protein p300		
Entrez Gene	2033 (Human); 328572 (Mouse)		
SwissProt	Q09472 (Human); B2RWS6 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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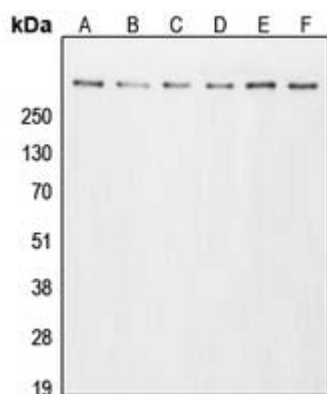
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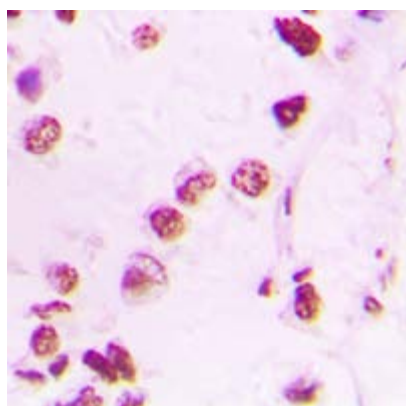
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Western blot analysis of p300 expression in A431 (A), HeLa (B), HT29 (C), A549 (D), NIH3T3 (E), PC12 (F) whole cell lysates.



Immunohistochemical analysis of p300 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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