

## Anti-ACC alpha (Phospho-S80) Antibody

Catalog #	Source	Reactivity	Applications
CPA4872	Rabbit	H, M, R, B, C, S	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to ACC alpha (Phospho-S80)		
<b>Immunogen</b>	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S80 of human ACC alpha protein. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of ACC alpha protein only when phosphorylated at S80.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
<b>Gene Symbol</b>	ACACA		
<b>Alternative Names</b>	ACAC; ACC1; ACCA; Acetyl-CoA carboxylase 1; ACC1; ACC-alpha		
<b>Entrez Gene</b>	31 (Human); 107476 (Mouse); 60581 (Rat)		
<b>SwissProt</b>	Q13085 (Human); Q5SWU9 (Mouse); P11497 (Rat)		
<b>Storage/Stability</b>	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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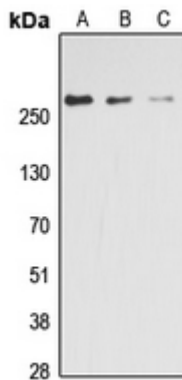
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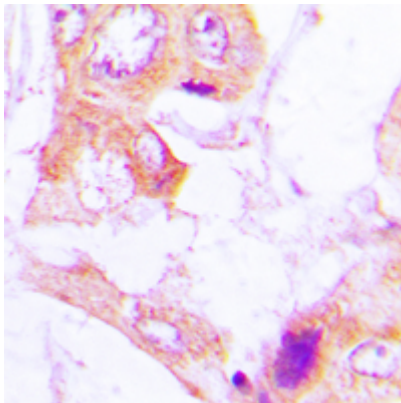
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## Product Data Sheet



Western blot analysis of ACC alpha (Phospho-S80) expression in A431 (A), HepG2 (B), NIH3T3 (C) whole cell lysates.  
(Predicted band size: 265 kD; Observed band size: 280 kD)



Immunohistochemical analysis of ACC alpha (Phospho-S80) 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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