

Anti-Phospho-AC alpha (S80) ACACA Antibody

Catalog Number: A01802S80

About ACACA

This is a calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters. Subunit of a quaternary complex that plays a central role in epithelial cell polarization.

Parmentier JH, et al. (2004) BMC Cell Biol; 5: 4.

Castrillo A, et al. (2003) Mol Cell Biol; 23(4): 1196-1208.

Paramio JM, et al. (2001) Mol Cell Biol; 21(21): 7449-7459.

Braiman L, et al. (2001) Mol Cell Biol; 21(22): 7852-7861.

Overview

Product Name	Anti-Phospho-AC alpha (S80) ACACA Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-AC alpha (S80) ACACA Antibody catalog # A01802S80. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13085

Technical Details

Immunogen	Synthesized peptide derived from human ACCalpha around the phosphorylation site of S80.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000

Anti-Phospho-AC alpha (S80) ACACA Antibody (A01802S80) Images



Figure 2. Immunohistochemistry validation of ACACA using Anti-Phospho-AC alpha (S80) ACACA Antibody (A01802S80).

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°C)

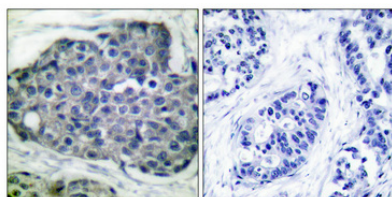


Figure 3. Immunohistochemistry validation of ACACA using Anti-Phospho-AC alpha (S80) ACACA Antibody (A01802S80).

For more protocol information of IHC

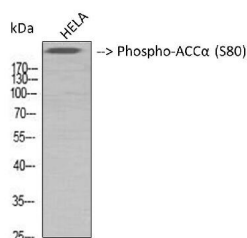


Figure 1. Western blotting validation for Anti-Phospho-AC alpha (S80) ACACA Antibody A01802S80

Western Blot (WB) analysis of specific cells using Phospho-ACCalpha (S80) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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