

Phospho-PRKAA2 (S491) Recombinant Antibody



RACO0116

Product Information

Size:

50ul

Reactivity:

Human

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB

Recommended dilutions:

WB:1:500-1:5000

Protein Background:

Catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism. In response to reduction of intracellular ATP levels, AMPK activates energy-producing pathways and inhibits energy-consuming processes: inhibits protein, carbohydrate and lipid biosynthesis, as well as cell growth and proliferation. AMPK acts via direct phosphorylation of metabolic enzymes, and by longer-term effects via phosphorylation of transcription regulators.

Gene ID:

PRKAA2

Uniprot

P54646

Synonyms:

5'-AMP-activated protein kinase catalytic subunit alpha-2, Acetyl-CoA carboxylase kinase, PRKAA2, AMPK, AMPK2

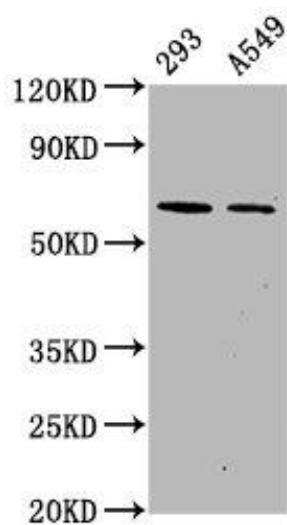
Immunogen:

A synthesized peptide derived from human Phospho-PRKAA2 (S491).

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western Blot

Positive WB detected in(293 whole cell lysate) A549 whole cell lysate)

All lanes: Phospho-PRKAA2 antibody at 1(1 μ g/ml

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 62 KDa

Observed band size: 62 KDa