PRKAA2 Antibody

PACO43640

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000

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 (AMPK subunit alpha-2) (EC 2.7.11.1) (Acetyl-CoA carboxylase kinase) (ACACA kinase) (EC 2.7.11.27) (Hydroxymethylglutaryl-CoA reductase kinase) (HMGCR kinase) (EC 2.7.11.31), PRKAA2, AMPK AMPK2

Immunogen:

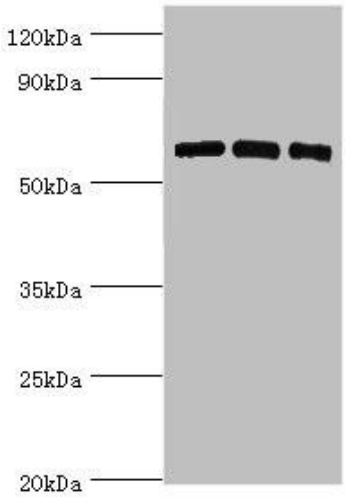
Recombinant Human 5'-AMP-activated protein kinase catalytic subunit alpha-2 protein (343-552AA).

Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

 info@assaygenie.com

Product Images



Western blot. All lanes: PRKAA2 antibody at 8µg/ml. Lane 1: Hela whole cell lysate. Lane 2: K562 whole cell lysate. Lane 3: MCF-7 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 62 kDa. Observed band size: 62 kDa.