

Anti-PHKG2 Antibody

Catalog Number: A07871-1

About PHKG2

PHKG2 (phosphorylase kinase catalytic subunit gamma 2), it is expected to be located in the cytoplasm, which is enriched in the testis. Catalytic subunit of the phosphorylase b kinase (PHK), which mediates the neural and hormonal regulation of glycogen breakdown (glycogenolysis) by phosphorylating and thereby activating glycogen phosphorylase. It may regulates glycogeneolysis in the testis. Phosphorylase kinase is a polymer of 16 subunits, four each of alpha, beta, gamma and delta. The gamma subunit also includes the skeletal muscle and hepatic isoforms, and the hepatic isoform is encoded by this gene. The gamma subunits contain the active site of the enzyme, whereas the alpha and beta subunits have regulatory functions controlled by phosphorylation. The delta subunit mediates the dependence of the enzyme on calcium concentration. The molecular weight of PHKG2 is 46 kDa.

Overview

Product Name	Anti-PHKG2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PHKG2 Antibody catalog # A07871-1. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P15735

Technical Details

Immunogen	E.coli-derived human PHKG2 recombinant protein (Position: L3-G296).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-400
Immunocytochemistry/Immunofluorescence, 1:50-400
ImmunoPrecipitation, 1:250-300
ELISA, 1:100-1000

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Anti-PHKG2 Antibody

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