

Anti-Phospho-GRK2 (S670) Antibody

Catalog Number: P32388

About GRK2

Beta adrenergic receptor kinase (also referred to as betaARK or BARK) is a serine/threonine intracellular kinase. The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. This protein is an ubiquitous cytosolic enzyme that specifically phosphorylates the activated form of the beta-adrenergic and related G-protein-coupled receptors. Abnormal coupling of beta-adrenergic receptor to G protein is involved in the pathogenesis of the failing heart.

Overview

Product Name	Anti-Phospho-GRK2 (S670) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-GRK2 (S670) Antibody catalog # P32388. Tested in WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, 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	P25098

Technical Details

Immunogen	A synthesized peptide derived from human GRK2 around the phosphorylation site of Ser670.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunocytochemistry/Immunofluorescence, 1:50-400

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