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PRKAG2 Polyclonal Antibody

Cat #: G-AB-06615

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
AMP-activated protein kinase (AMPK) is a heterotrimeric protein composed of a catalytic alpha subunit, a noncatalytic beta subunit, and a noncatalytic regulatory gamma subunit. Various forms of each of these subunits exist, encoded by different genes. AMPK is an important energy-sensing enzyme that monitors cellular energy status and functions by inactivating key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This gene is a member of the AMPK gamma subunit family. Mutations in this gene have been associated with Wolff-Parkinson-White syndrome, familial hypertrophic cardiomyopathy, and glycogen storage disease of the heart. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
PRKAG2 (Protein Kinase AMP-Activated Non-Catalytic Subunit Gamma 2) is a Protein Coding gene. Diseases associated with PRKAG2 include Glycogen Storage Disease Of Heart, Lethal Congenital and Wolff-Parkinson-White Syndrome. Among its related pathways are RET signaling and

Gene ID:

Accession #: BC020540

Immunogen: Fusion protein of human PRKAG2

Conjugation: Unconjugated

Swissprot: Q9UGJ0

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 0.96 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: IHC,ELISA

Dilution: IHC 1:50-1:300, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.