

	PRKAG2 Polyclonal Antibody	E 9 1 4 2 8 0
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Swiss-Prot No.:	Q9UGJ0
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human PRKAG2 (NP_077747.1).
Purification:	Affinity purification
Reactivity:	Human, Mouse, Rat
Other Names:	—
Background:	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.
Gene ID:	51422
Source:	Rabbit

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Antibody type:	Polyclonal Antibodies
Isotype:	IgG
Molecular Weight:	37kDa/58kDa/63kDa
Recommended Dilutions:	WB 1:500 - 1:2000 IHC 1:50 - 1:200