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[Primary Antibody]

Recombinant Rabbit Anti-PRKAG1 Monoclonal Antibody

Catalog Number: SLA1406M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	4G6
GeneID:	5571
SWISS:	P54619
Target:	PRKAG1
Immunogen:	A synthesized peptide derived from human AMPK gamma 1
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	38 kDa
Background:	AMPK is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis.Accumulating evidence indicates that AMPK not only regulates the metabolism of fatty acids and glycogen, but also modulates protein synthesis and cell growth through EF2 and TSC2/mTOR pathways, as well as blood flow via eNOS/nNOS.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.