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[Primary Antibody]

Recombinant Rabbit Anti-PRKAA2 Monoclonal Antibody

Catalog Number: SLA2987M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	7B3
GeneID:	5563
SWISS:	P54646
Target:	PRKAA2
Immunogen:	A synthesized peptide derived from human AMPK alpha 2 around the phosphorylation site of S491
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	62 kDa
Background:	Catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism.In response to reduction of intracellular ATP levels, AMPK activates energy-producing pathways and inhibits energy-consuming processes: inhibits protein, carbohydrate and lipid biosynthesis, as well as cell growth and proliferation.

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