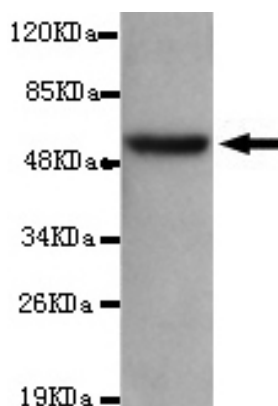




PRKAA1 Antibody

E220116

Catalog Number	E220116-1, E220116-2
Amount	50µg/50µl, 100µg/100µl
Description	Mouse monoclonal IgG to PRKAA1
GeneBank ID	NM_206907.3
Immunogen	A Synthetic peptide of human PRKAA1 (N-terminus).
Reacts with	Human
Tested applications	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/100-1/2000.
Cellular localization	Cytoplasm
Relevance	The protein encoded by this gene belongs to the ser/thr protein kinase family. It is the catalytic subunit of the 5'-prime-AMP-activated protein kinase (AMPK). AMPK is a cellular energy sensor conserved in all eukaryotic cells. The kinase activity of AMPK is activated by the stimuli that increase the cellular AMP/ATP ratio. AMPK regulates the activities of a number of key metabolic enzymes through phosphorylation.
Purity	Protein G-Sepharose affinity purified.
Storage buffer	Preservative: 0.02% Sodium Azide and 50% glycerol, 1% BSA, PBS, pH7.4.
Form	Liquid
Storage instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.



PRKAA1 antibody (E220116) at 1/1000 dilution interacts with MCF7 whole cell lysate 40ug/lane.
Predicted band size: 62KDa. Observed band size: 62KDa.

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