Anti-PRKG1 antibody (1-300) (STJ25143)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

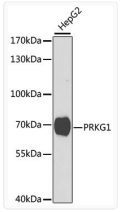
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 76kDa Observed Mw: 65kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	5592
Gene Symbol	PRKG1
UniProt ID	KGP1_HUMAN
Immunogen Region	1-300
Immunogen Sequence	MGTLRDLQYALQEKIEELRQ RDALIDELELELDQKDELIQ KLQNELDKYRSVIRPATQQA QKQSASTLQGEPRTKRQAIS AEPTAFDIQDLSHVTLPFYP KSPQSKDLIKEAILDNDFMK NLELSQIQEIVDCMYPVEYG KDSCIIKEGDVGSLVYVMED GKVEVTKEGVKLCTMGPGKV FGELAILYNCTRTATVKTLV NVKLWAIDRQCFQTIMMRTG LIKHTEYMEFLKSVPTFQS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human PRKG1 (NP_006249.1).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of HepG2 cells, using PRKG1 antibody (STJ25143) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit.