Anti-GRK1 antibody (1-160) (STJ23869)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

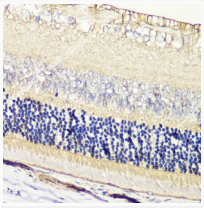
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 64kDa Observed Mw: 64kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

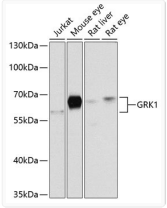
Gene ID	6011
Gene Symbol	GRK1
UniProt ID	GRK1_HUMAN
Immunogen Region	1-160
Immunogen Sequence	MDFGSLETVVANSAFIAARG SFDGSSSQPSRDKKYLAKLK LPPLSKCESLRDSLSLEFES VCLEQPIGKKLFQQFLQSAE KHLPALELWKDIEDYDTADN DLQPQKAQTILAQYLDPQAK LFCSFLDEGIVAKFKEGPVE IQDGLFQPLLQATLAHLGQA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human GRK1 (NP_002920.1).

ADDITIONAL INFORMATION

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



Immunohistochemistry analysis of paraffin-embedded rat retina using GRK1 antibody (STJ23869) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using GRK1 antibody (STJ23869) 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. Exposure time: 30s.