

Anti-GRK5 antibody (371-590) (STJ23870)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

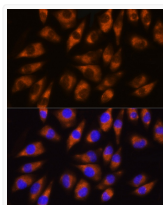
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 68kDa Observed Mw: 68kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

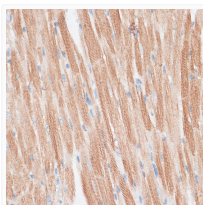
Gene ID	2869
Gene Symbol	GRK5
UniProt ID	GRK5_HUMAN
Immunogen Region	371-590
Immunogen Sequence	LGCLYEMIEGQSPFRGRKE KVKREEVDRRVLETEEVYSH KFSEEAKSICKMLLTDAKQ RLGCQEEGAEEVKRHPFFRN MNFKRLEAGMLDPPFVDPDR AVYCKDVLIDIEQFSTVKGVN LDHTDDDFYSKFSTGVSVIP WQNEMIETECFKELNVFGPN GTLPPDLNRNHPPEPPKKGL LQRLFQRQHQNNSKSSPSK TSFNHHINSNVSSNSTGSS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 371-590 of human GRK5 (NP_005299.1).

ADDITIONAL INFORMATION

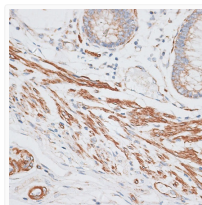
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



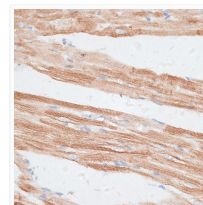
Immunofluorescence analysis of L929 cells using GRK5 Rabbit polyclonal antibody (STJ23870) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



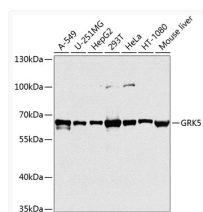
Immunohistochemistry analysis of paraffin-embedded mouse heart using GRK5 antibody (STJ23870) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using GRK5 antibody (STJ23870) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat heart using GRK5 antibody (STJ23870) at dilution of 1:100 (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 GRK5 antibody (STJ23870) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.