Anti-KCNJ1 antibody (50-150) (STJ111290)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

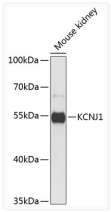
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 45kDa Observed Mw: 45kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

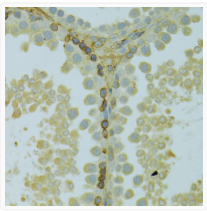
Gene ID	3758
Gene Symbol	KCNJ1
UniProt ID	KCNJ1_HUMAN
Immunogen Region	50-150
Immunogen Sequence	NIEFGNVEAQSRFIFFVDIW TTVLDLKWRYKMTIFITAFL GSWFFFGLLWYAVAYIHKDL PEFHPSANHTPCVENINGLT SAFLFSLETQVTIGYGFRCV T
Specificity	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human KCNJ1 (NP_000211.1).

ADDITIONAL INFORMATION

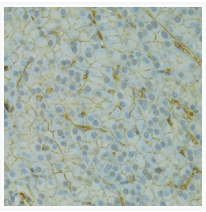
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from mouse kidney, using KCNJ1 Rabbit pAb (STJ111290) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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.



Immunohistochemistry analysis of paraffin-embedded Rat testis using KCNJ1 Rabbit pAb (STJ111290) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat pancreas using KCNJ1 Rabbit pAb (STJ111290) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.