

Anti-KCNJ4 antibody (50-150) (STJ115945)

STJ115945

GENERAL INFORMATION

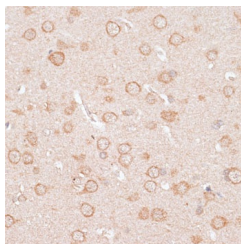
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

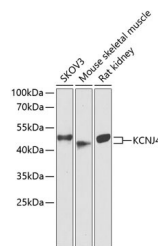
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation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

TARGET INFORMATION

Gene ID	3761
Gene Symbol	KCNJ4
Uniprot ID	KCNJ4_HUMAN
Immunogen	
Immunogen Region	50-150
Specificity	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human KCNJ4 (NP_004972.1).
Immunogen Sequence	CVDTRWRYMLMIFSAFLVS WLFGLFWCIAFFHGDLEA SPGVPAAGGPAAGGGGAAPV APKPCIMHVNGFLGAFLFSV ETQTTIGYGFRCVTEECPLA V



Immunohistochemistry analysis of paraffin-embedded rat brain using KCNJ4 antibody (STJ115945) 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 KCNJ4 antibody (STJ115945) 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 Enhanced Kit. Exposure time: 30s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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