

Kir7.1 Polyclonal Antibody

Catalog number: 12657-1-AP

Size: 20 µg/150 µl

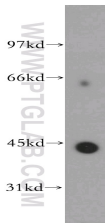
Source: Rabbit

Isotype: IgG

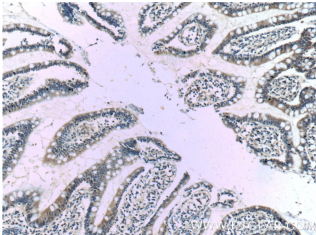
Synonyms:

KCNJ13; KCNJ13, KIR1.4, Kir7.1,

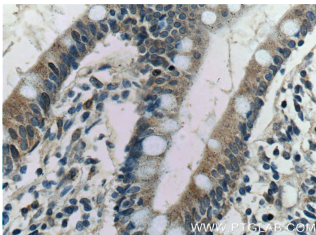
SVD



human brain tissue were subjected to SDS PAGE followed by western blot with 12657-1-AP(KCNJ13 antibody) at dilution of 1:300



Immunohistochemistry of paraffin-embedded human small intestine tissue slide using 12657-1-AP(KCNJ13 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human small intestine tissue slide using 12657-1-AP(KCNJ13 Antibody) at dilution of 1:50 (under 40x lens)

Background

Kir7.1, encoded by KCNJ13 gene, is a member of the inwardly rectifying potassium channel family of proteins. Kir7.1 is a low-conductance channel. At mRNA level, Kir7.1 is predominantly expressed in small intestine and also expressed in stomach, kidney, and brain. Mutations in KCNJ13 gene are associated with snowflake vitreoretinal degeneration.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human; other species not tested.
Calculated Kir7.1 MW:	360aa,43 kDa
Observed Kir7.1 MW:	43 kDa
Positive WB detected in	Human brain tissue, human kidney tissue
Positive IHC detected in	Human small intestine tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3327
GenBank accession number:	BC037290
Gene ID (NCBI):	3769
Full name:	Potassium inwardly-rectifying channel, subfamily J, member 13

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.