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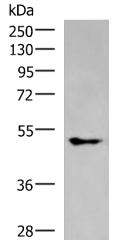
KCNJ2 Polyclonal Antibody

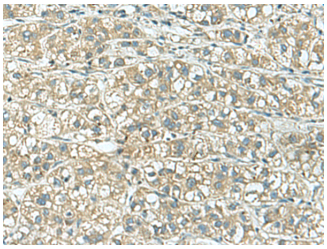
Catalog No.	E-AB-18197	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of A549 cell lysate using KCNJ2 Polyclonal Antibody at dilution of 1:550



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using KCNJ2 Polyclonal Antibody at dilution of 1:25(×200)

Immunogen Information

Immunogen	Synthetic peptide of human KCNJ2
Gene Accession	NP000882
Swissprot	P63252
Synonyms	HHBIRK 1,HHBIRK1,HHIRK 1,HHIRK1,HIRK 1,hIRK1,IRK 1,IRK-1,IRK1,IRK2,KCNJ2

Product Information

Calculated MW	48 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, probably participates in establishing action potential waveform and excitability of neuronal and muscle tissues. Mutations in this gene have been associated with Andersen syndrome, which is characterized by periodic paralysis, cardiac arrhythmias, and dysmorphic features.