KCNJ15 Antibody

Catalog No: #37871

Orders: order@signalwayantibody.com
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Description

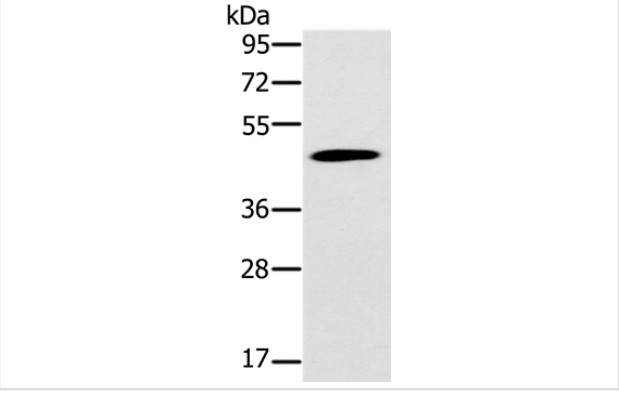
Product Name	KCNJ15 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB,IHC
Species Reactivity	Human, Mouse, Rat
Specificity	The antibody detects endogenous levels of total KCNJ15 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human potassium inwardly-rectifying channel, subfamily J, member 15
Target Name	KCNJ15
Other Names	IRKK; KIR1.3; KIR4.2
Accession No.	Swiss-Prot#: Q99712NCBI Gene ID: 3772Gene Accssion: NP_001263364/Q99712
Uniprot	Q99712
GeneID	3772;
SDS-PAGE MW	43kd
Concentration	1 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

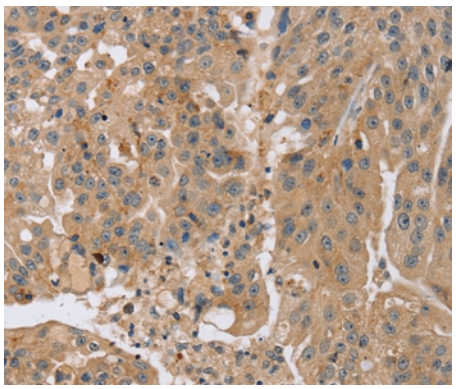
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

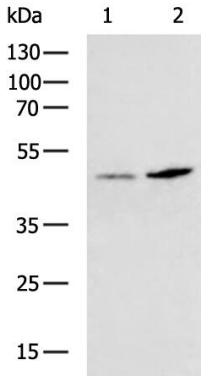
Images



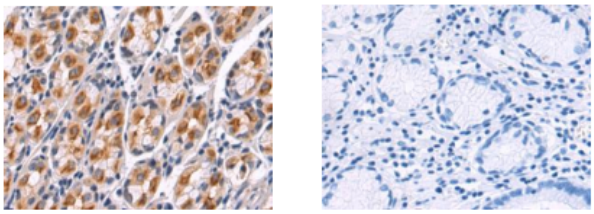
Gel: 8%SDS-PAGE
Lysates (from left to right): Mouse pancreas tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #37871 at dilution 1/35.



Gel: 8%SDS-PAGE
Lysate: 40 ΞOg
Lane 1-2: 231 and A549 cell lysates
Primary antibody: KCNJ15 Antibody at dilution 1/500
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 40 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using KCNJ15 Antibody at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: Γ 200)

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 has a greater tendency to allow potassium to flow into a cell rather than out of a cell. Eight transcript variants encoding the same protein have been found for this gene.?

Note: This product is for in vitro research use only