

KCNH2 Rabbit Polyclonal Antibody

Catalog No: tcba7920



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Research Area:

Neuroscience, Cardiovascular,

Species Reactivity:

Human, Mouse, Rat

Host Species:

Rabbit

Isotype:

IgG

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000 IHC 1:50 - 1:200

Tested Application:

WB, IHC

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

KCNH2; ERG-1; ERG1; H-ERG; HERG; HERG1; Kv11.1; LQT2; SQT1

SwissProt:

Q12809

Gene ID:

3757 (human);

Calculated Molecular Weight:

60kDa/90kDa/97kDa/115kDa/121kDa/126kDa

Observed Molecular Weight:

148kDa

Purification:

Affinity purification

Positive Control:

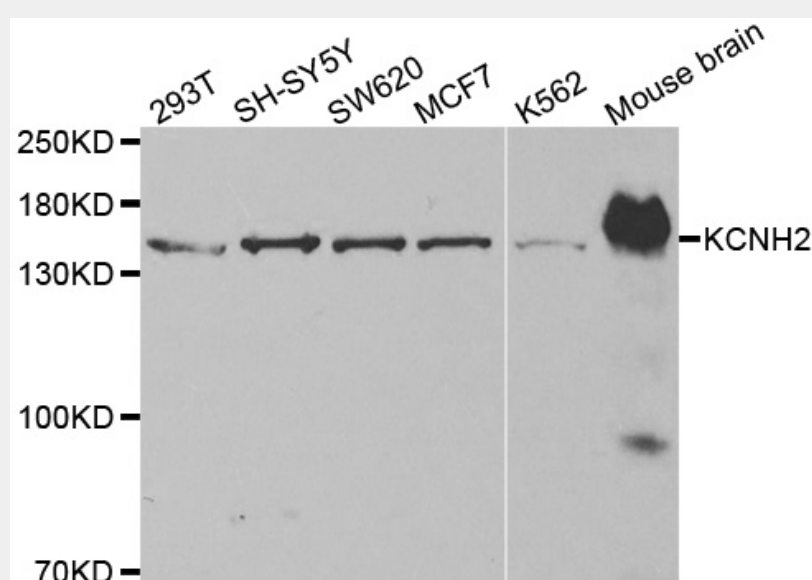
293T, SH-SY5Y, SW620, MCF7, K-562, Mouse brain

Cellular Location:

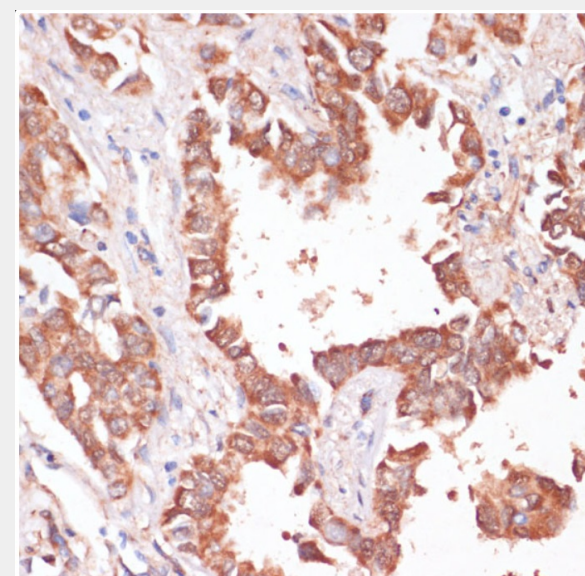
Cell membrane, Multi-pass membrane protein

Product Description

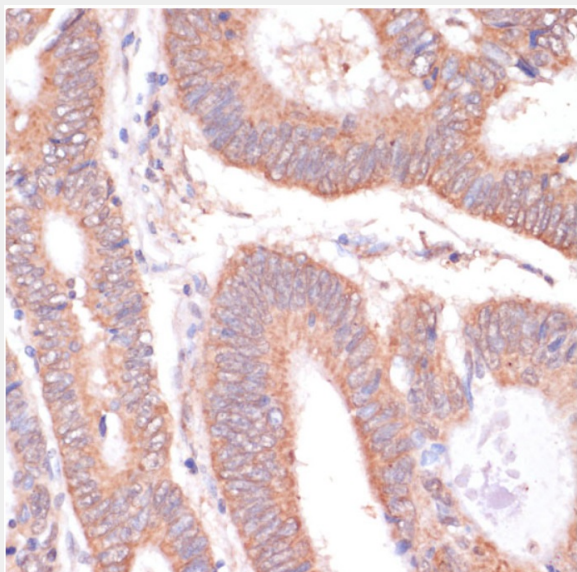
This gene encodes a voltage-activated potassium channel belonging to the eag family. It shares sequence similarity with the *Drosophila* ether-a-go-go (eag) gene. Mutations in this gene can cause long QT syndrome type 2 (LQT2). Transcript variants encoding distinct isoforms have been identified.



Western blot analysis of extracts of various cell lines, using KCNH2 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit . Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human lung cancer using KCNH2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon carcinoma using KCNH2 antibody at dilution of 1:100 (40x lens).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!