

Product datasheet for **TA349334S**

KCNH6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hepg2 and HT-29 cells IHC: 35-150 Positive control: Human breast cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human KCNH6
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	110 kDa
Gene Name:	potassium voltage-gated channel subfamily H member 6
Database Link:	NP_110406 Entrez Gene 116745 RatEntrez Gene 81033 Human Q9H252



[View online »](#)

Background:

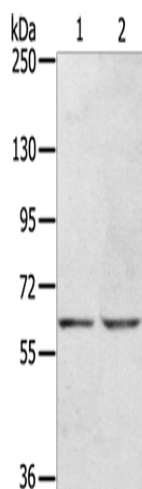
Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit. Alternative splicing results in multiple transcript variants that encode different isoforms.

Synonyms:

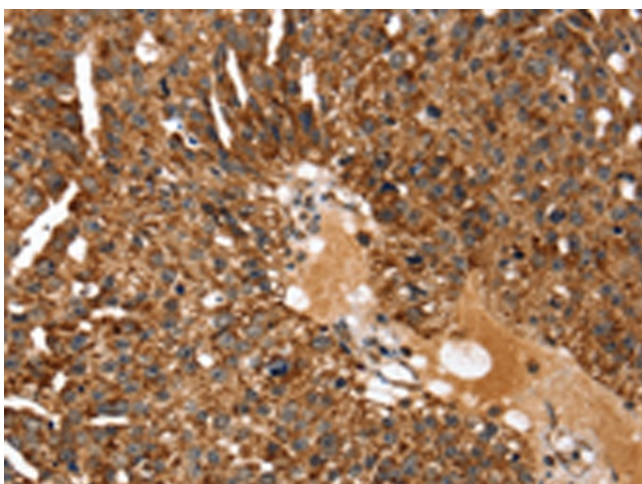
ERG-2; ERG2; hERG-2; HERG2; Kv11.2

Protein Families:

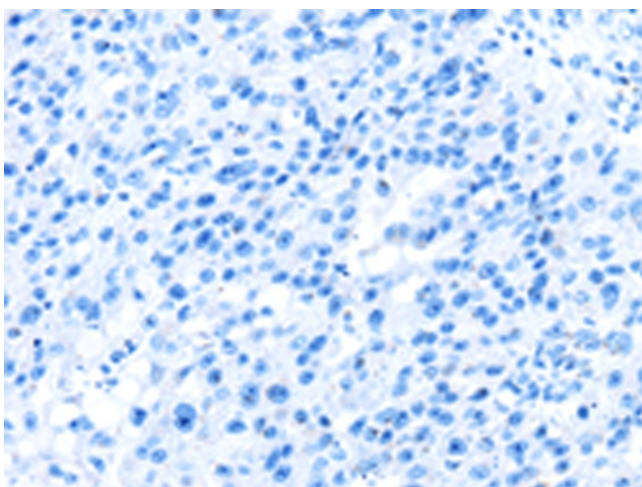
Druggable Genome, Ion Channels: Other, Transmembrane

Product images:

Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Hepg2 cells
HT29 cells
Primary antibody: [TA349334] (KCNH6 Antibody)
at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded
Human breast cancer tissue using [TA349334]
(KCNH6 Antibody) at dilution 1/30 (Original
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA349334] (KCNH6 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)