

Anti-KCNH6 antibody

Cat. No.	ml120733
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-KCNH6 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human KCNH6
Reactivity	Human, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	KCNH6
Full name	potassium voltage-gated channel, subfamily H (eag-related), member 6
Synonyms	ERG2; ERG-2; HERG2; Kv11.2; hERG-2
Swissprot	Q9H252

Target 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.

订购热线: 4008-898-798

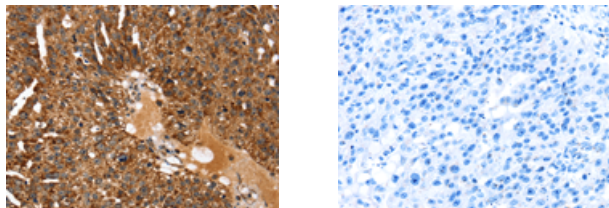
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 35-150



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml120733(KCNH6 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 110 kDa

Positive control: Hepg2 and HT-29 cells

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

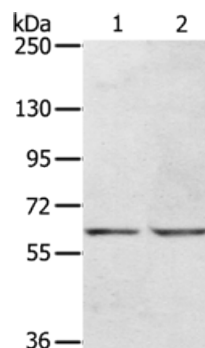
Lysate: 40 μ g

Lane 1-2: Hepg2 cells, HT29 cells

Primary antibody: ml120733(KCNH6 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 1000-2000

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