

Datasheet for ABIN7129957

**anti-KCNH6 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	KCNH6
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNH6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Fusion protein of Human KCNH6
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Antigen affinity purification

## Target Details

Target:	KCNH6
Alternative Name:	KCNH6 ( <a href="#">KCNH6 Products</a> )
Background:	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

## Target Details

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.

Aliases: KCNH6 antibody, ERG2 antibody, Potassium voltage-gated channel subfamily H member 6 antibody, Ether-a-go-go-related gene potassium channel 2 antibody, ERG-2 antibody, Eag-related protein 2 antibody, Ether-a-go-go-related protein 2 antibody, hERG-2 antibody, hERG2 antibody, Voltage-gated potassium channel subunit Kv11.2 antibody

UniProt: [Q9H252](#)

## Application Details

Application Notes: ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:35-1:150,

Restrictions: For Research Use only

## Handling

Format: Liquid

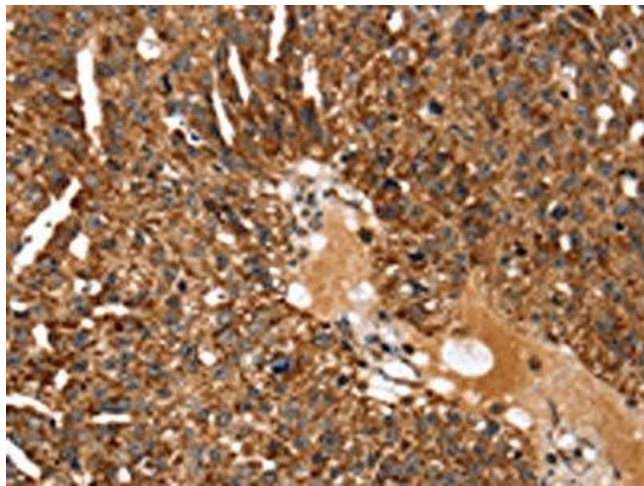
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

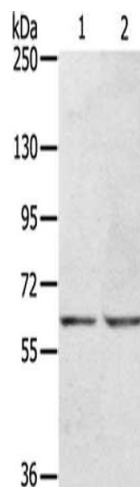
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ABIN7129957(KCNH6 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



#### Western Blotting

**Image 2.** Gel: 6 % SDS-PAGE, Lysate: 40 µg, Lane 1-2: Hepg2 cells, HT29 cells, Primary antibody: ABIN7129957(KCNH6 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds