



[Go to Product page](#)

Datasheet for ABIN6262744

anti-KCNG4 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µL
Target:	KCNG4 (Kcng4)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNG4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human KCNG4, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	KCNG4 Antibody detects endogenous levels of total KCNG4.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	KCNG4 (Kcng4)
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Target Details

Alternative Name: KCNG4 ([Kcng4 Products](#))

Background: Description: Potassium channel subunit that does not form functional channels by itself. Can form functional heterotetrameric channels with KCNB1, modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1 (PubMed:19074135).
Gene: KCNG4

Molecular Weight: 59 kDa

Gene ID: 93107

UniProt: [Q8TDN1](#)

Application Details

Application Notes: WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

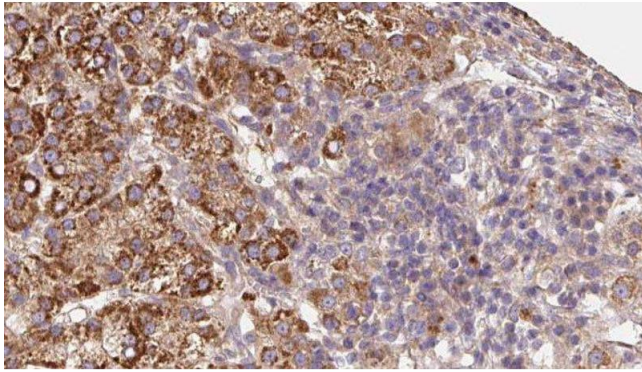
Preservative: Sodium azide

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

Storage: -20 °C

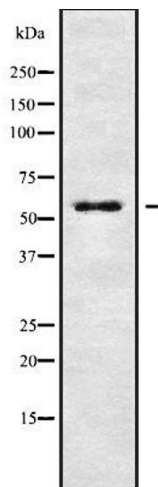
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date: 12 months



Immunohistochemistry

Image 1. ABIN6279677 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of KCNG4 using Jurkat whole cell lysates