

Datasheet for ABIN630086  
**anti-KCNH6 antibody**



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2 Images

## Overview

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

## Product Details

Immunogen:	KCNH6 antibody was raised using a synthetic peptide corresponding to a region with amino acids GKYRTISQIPQFTLNFVEFNLEKHRSSSTTEIEIAPHKVVVERTQNVTEK
Purification:	Purified

## Target Details

Target:	KCNH6
Alternative Name:	KCNH6 ( <a href="#">KCNH6 Products</a> )
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. KCNH6 encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha)

## Target Details

subunit.

Molecular Weight: 109 kDa (MW of target protein)

## Application Details

Application Notes: WB: 1.25 µg/mL, IHC: 4-8 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: KCNH6 Blocking Peptide, catalog no. 33R-3382, is also available for use as a blocking control in assays to test for specificity of this KCNH6 antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of KCNH6 antibody in PBS

Concentration: Lot specific

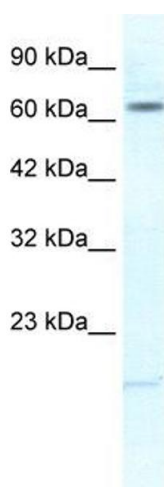
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

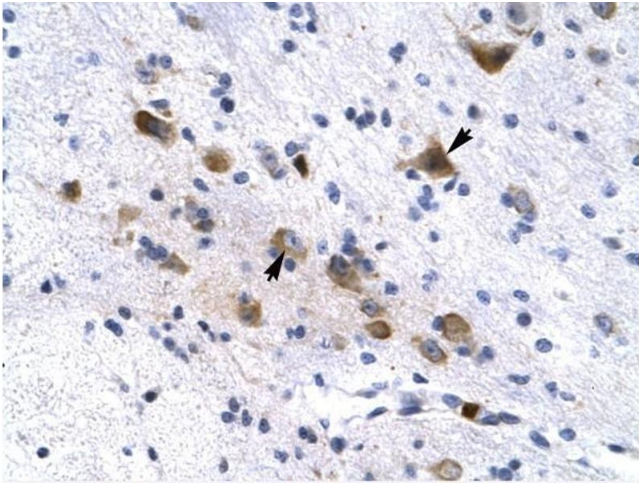
Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** KCNH6 antibody used at 1.25 µg/ml to detect target protein.



### Immunohistochemistry

**Image 2.** KCNH6 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Neural cells (arrows) in Human Brain. Magnification is at 400X