

Datasheet for ABIN633694 **anti-KCNH5 antibody**

2 Images



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	KCNH5
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNH5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	KCNH5 antibody was raised using a synthetic peptide corresponding to a region with amino acids LTNSRSVLQQLTPMNKTEVVHKHSRLAEVLQLGSDILPQYKQEAPKTPPH
Purification:	Affinity purified

Target Details

Target:	KCNH5
Alternative Name:	KCNH5 (KCNH5 Products)
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. The KCNH5 gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming

Target Details

(alpha) subunit of a voltage-gated non-inactivating delayed rectifier potassium channel. KCNH5 is not expressed in differentiating myoblasts.

Molecular Weight: 67 kDa (MW of target protein)

Application Details

Application Notes: WB: 0.5 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: KCNH5 Blocking Peptide, catalog no. 33R-5485, is also available for use as a blocking control in assays to test for specificity of this KCNH5 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of KCNH5 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

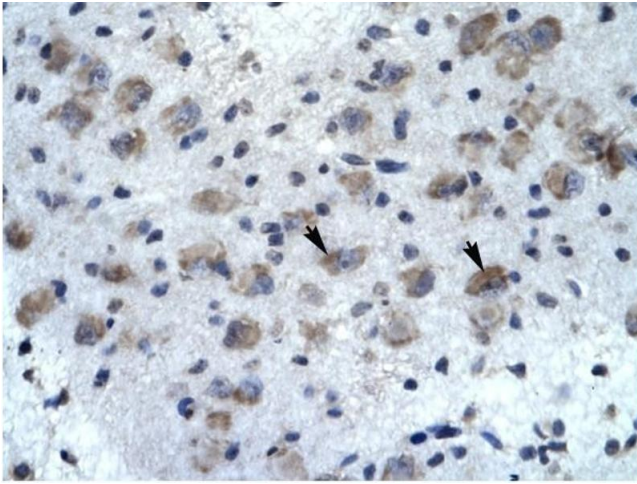
Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. KCNH5 antibody used at 0.5 ug/ml to detect target protein.



Immunohistochemistry

Image 2. KCNH5 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