

Datasheet for ABIN7043548  
**anti-KCNH5 antibody (C-Term, Intracellular)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	50 µL
Target:	KCNH5
Binding Specificity:	AA 842-860, C-Term, Intracellular
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNH5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)EDPKGSDSENSVTKNPLRK, corresponding to amino acid residues 842-860 of rat KCNH5
Isotype:	IgG
Cross-Reactivity (Details):	The antibody is specific for KV10.2 and will not cross-react with KV10.1.
Characteristics:	Anti-KCNH5 (EAG-2) Antibody is directed against an intracellular epitope of the rat KV10.2 channel. Anti-KCNH5 (EAG-2) Antibody (ABIN7043548, ABIN7044965 and ABIN7044966)) can be used for western blot and immunohistochemistry applications. It has been designed to recognize KV10.2 from rat and human samples. The antibody is specific for KV10.2 and will not cross-react with KV10.1.
Purification:	Affinity purified on immobilized antigen.

### Target Details

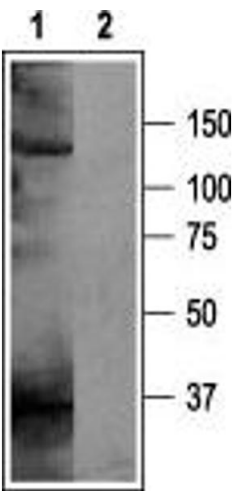
Target:	KCNH5
Alternative Name:	KCNH5 (EAG-2) ( <a href="#">KCNH5 Products</a> )
Background:	Alternative names: KCNH5 (EAG-2), KV10.2, Ether-a-go-go potassium channel 2, hEAG2
Gene ID:	171146
NCBI Accession:	<a href="#">NM_139318</a>
UniProt:	<a href="#">Q9EP19</a>

### Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

### Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 5 % sucrose, 0.025 % Sodium azide.
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:	RT,4 °C,-20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

**Image 1.** Western blot analysis of rat brain membranes: -  
1. Anti-KCNH5 (EAG-2) Antibody (ABIN7043548, ABIN7044965 and ABIN7044966), (1:200). 2. Anti-KCNH5 (EAG-2) Antibody, preincubated with KCNH5/EAG-2 Blocking Peptide (#BLP-PC053).