

Datasheet for ABIN7043534  
**anti-KCND2 antibody (C-Term, Intracellular)**



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1 Image

## Overview

Quantity:	25 µL
Target:	KCND2
Binding Specificity:	AA 454-469, C-Term, Intracellular
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCND2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)SNQLQSSEDEPAFVSK, corresponding to amino acid residues 454-469 of rat KV4.2
Isotype:	IgG
Characteristics:	Anti-KV4.2 Antibody (ABIN7043534, ABIN7044928 and ABIN7044929)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot, immunoprecipitation, immunocytochemistry, and immunohistochemistry applications. It has been designed to recognize KV4.2 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

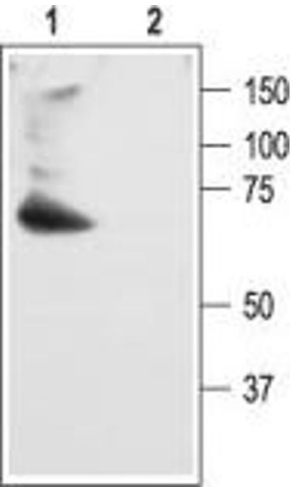
Target:	KCND2
Alternative Name:	KV4.2 ( <a href="#">KCND2 Products</a> )
Background:	Alternative names: KV4.2, Voltage-gated potassium channel subfamily D member 2, KCND2, Shal1, RK5
Gene ID:	65180
NCBI Accession:	<a href="#">NM_012281</a>
UniProt:	<a href="#">Q63881</a>

## Application Details

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

## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.6 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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-KV4.2 Antibody (ABIN7043534, ABIN7044928 and ABIN7044929), (1:200).2. Anti-KV4.2 Antibody, preincubated with Kv4.2 Blocking Peptide (#BLP-PC023).