

Datasheet for ABIN7043539

**anti-Kv3.4 antibody (Intracellular, N-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	25 µL
Target:	Kv3.4 (KCNC4)
Binding Specificity:	AA 177-195, Intracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kv3.4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: EAGDD ERELA LQRLG PHEG(C), corresponding to amino acid residues 177-195 of rat KCNC4
Isotype:	IgG
Characteristics:	Anti-KCNC4 (KV3.4) Antibody (ABIN7043539, ABIN7044920 and ABIN7044921)) 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 KV3.4 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

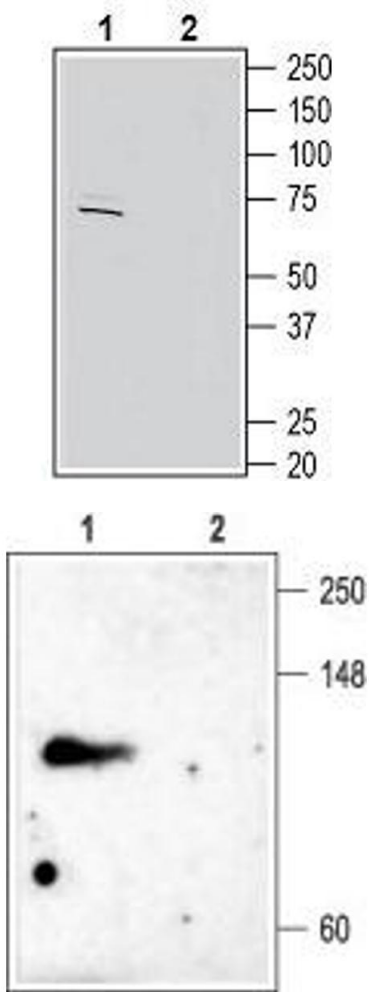
Target:	Kv3.4 (KCNC4)
Alternative Name:	KCNC4 (KV3.4) ( <a href="#">KCNC4 Products</a> )
Background:	Alternative names: KCNC4 (KV3.4), Potassium voltage-gated channel subfamily C member 4, Raw3, KSHIIC
Gene ID:	684516
NCBI Accession:	<a href="#">NM_001039574</a>
UniProt:	<a href="#">Q63734</a>

## 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:	0.3 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 lysates: - 1. Anti-KCNC4 (KV3.4) Antibody (ABIN7043539, ABIN7044920 and ABIN7044921), (1:200).2. Anti-KCNC4 (KV3.4) Antibody, preincubated with KCNC4/Kv3.4 Blocking Peptide (#BLP-PC019).

#### Western Blotting

**Image 2.** Western blot analysis of rat brain membranes: - 1. Anti-KCNC4 (KV3.4) Antibody (ABIN7043539, ABIN7044920 and ABIN7044921), (1:200).2. Anti-KCNC4 (KV3.4) Antibody, preincubated with KCNC4/Kv3.4 Blocking Peptide (#BLP-PC019).