

Datasheet for ABIN7043536
anti-KCND3 antibody (C-Term, Intracellular)[Go to Product page](#)

2 Images

Overview

Quantity:	25 µL
Target:	KCND3
Binding Specificity:	AA 451-468, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCND3 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)NEALELTGTPEEEHMGK, corresponding to amino acid residues 451-468 of human KV4.3
Isotype:	IgG
Characteristics:	Anti-KV4.3 Antibody (ABIN7043536, ABIN7044918 and ABIN7044919)) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in western blot, immunoprecipitation, immunocytochemistry, and immunohistochemistry applications. It has been designed to recognize KV4.3 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

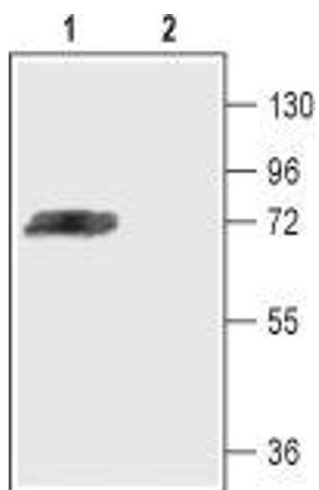
Target:	KCND3
Alternative Name:	KV4.3 (KCND3 Products)
Background:	Alternative names: KV4.3, Voltage-gated K ⁺ channel subfamily D member 3, KCND3
Gene ID:	3752
NCBI Accession:	NM_172198
UniProt:	O60577

Application Details

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

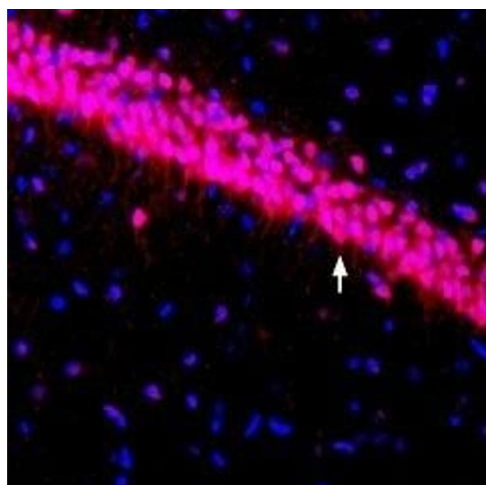
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 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-KV4.3 Antibody (ABIN7043536, ABIN7044918 and ABIN7044919), (1:200). 2. Anti-KV4.3 Antibody, preincubated with Kv4.3 Blocking Peptide (#BLP-PC017).



Immunohistochemistry

Image 2. Expression of KV4.3 in rat hippocampal CA1 region - Immunohistochemical staining of perfusion-fixed frozen rat brain sections using Anti-KV4.3 Antibody (ABIN7043536, ABIN7044918 and ABIN7044919), (1:400), followed by donkey anti-rabbit-Cy3 antibody (red). Staining appears in neurons of the CA1 hippocampal region (arrow). Nuclei are stained with DAPI (blue).