

Datasheet for ABIN7043532
anti-KCND1 antibody (C-Term, Intracellular)

2 Images

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Overview

Quantity:	50 µL
Target:	KCND1 (Kcnd1)
Binding Specificity:	AA 538-550, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCND1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KRRRAIRLANSTAS, corresponding to amino acid residues 538-550 of human KCND1
Isotype:	IgG
Characteristics:	Anti-Kv4.1 (KCND1) Antibody is directed against an intracellular epitope of human KV4.1. The Anti-KV4.1 (KCND1) Antibody (ABIN7043532, ABIN7045015 and ABIN7045016)) can be used for western blot, immunohistochemistry, and immunocytochemistry applications. It has been designed to recognize KV4.1 from rat, human, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

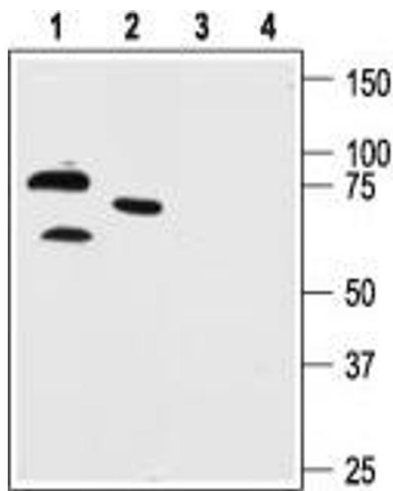
Target:	KCND1 (Kcnd1)
Alternative Name:	KV4.1 (KCND1) (Kcnd1 Products)
Background:	Alternative names: KV4.1 (KCND1), Voltage-gated potassium channel subfamily D member 1
Gene ID:	3750
NCBI Accession:	NM_004979
UniProt:	Q9NSA2

Application Details

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

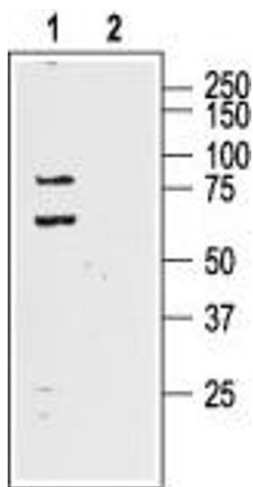
Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.6 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 human neuroblastoma cell line SH-SY5Y (lanes 1 and 3) and mouse brain lysate (lanes 2 and 4): - 1,2. Anti-KV4.1 (KCND1) Antibody (ABIN7043532, ABIN7045015 and ABIN7045016), (1:400).3,4. Anti-KV4.1 (KCND1) Antibody, preincubated with Kv4.1/KCND1 Blocking Peptide (#BLP-PC119).



Western Blotting

Image 2. Western blot analysis of rat brain lysate: - 1. Anti-KV4.1 (KCND1) Antibody (ABIN7043532, ABIN7045015 and ABIN7045016), (1:400).2. Anti- KV4.1 (KCND1) Antibody, preincubated with Kv4.1/KCND1 Blocking Peptide (#BLP-PC119).