

Datasheet for ABIN7043540

## anti-KCNF1 antibody (Intracellular, N-Term)



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### 1 Image

#### Overview

Quantity:	50 µL
Target:	KCNF1
Binding Specificity:	AA 166-178, Intracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNF1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)K(S)VWKFLEKPESS, corresponding to amino acid residues 166-178 of mouse KV5.1
Isotype:	IgG
Characteristics:	Anti-KCNF1 (Kv5.1) Antibody is directed against an epitope of the mouse KV5.1 channel. Anti-KCNF1 (KV5.1) Antibody (ABIN7043540 and ABIN7045037)) can be used in western blot analysis. It has been designed to recognize KV5.1 from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

#### Target Details

Target:	KCNF1
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## Target Details

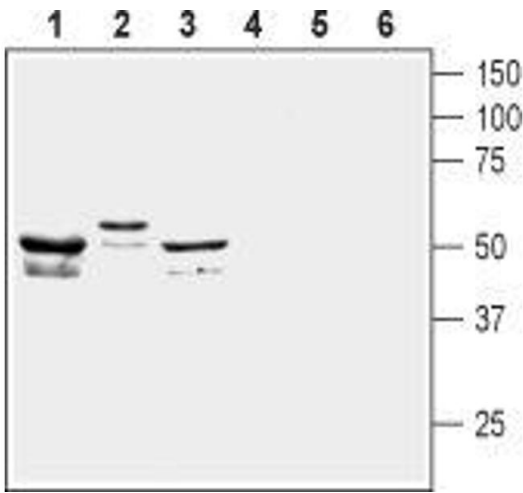
Alternative Name:	KCNF1 (KV5.1) ( <a href="#">KCNF1 Products</a> )
Background:	Alternative names: KCNF1 (KV5.1), Potassium voltage-gated channel subfamily F member 1
Gene ID:	382571
NCBI Accession:	<a href="#">NM_002236</a>
UniProt:	<a href="#">Q7TSH7</a>

## 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, 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 mouse brain lysate (lanes 1 and 4), human SHSY-5Y neuroblastoma cell line lysate (lanes 2 and 5) and rat brain membranes (lanes 3 and 6): - 1-3. Anti-KCNF1 (KV5.1) Antibody (ABIN7043540 and ABIN7045037), (1:400).4-6. Anti-KCNF1 (KV5.1) Antibody, preincubated with KCNF1/Kv5.1 Blocking Peptide (#BLP-PC134).