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Datasheet for ABIN7043457

## anti-KCNT1 antibody (C-Term, Intracellular)

### 2 Images

#### Overview

Quantity:	25 µL
Target:	KCNT1
Binding Specificity:	AA 619-631, C-Term, Intracellular
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNT1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KQEEKQNRRLAG, corresponding to amino acid residues 619-631 of rat Slack
Isotype:	IgG
Cross-Reactivity (Details):	Unlikely to recognize human samples.
Characteristics:	Anti-KCNT1 (Slack) Antibody is directed against an epitope located at the intracellular C-terminal domain of rat KCNT1. Anti-KCNT1 (Slack) Antibody (ABIN7043457, ABIN7045025 and ABIN7045026)) can be used in western blot applications, and was designed to recognize KCNT1 from rat and mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

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Target:	KCNT1
Alternative Name:	KCNT1 (Slack) ( <a href="#">KCNT1 Products</a> )
Background:	Alternative names: KCNT1 (Slack), KCa4.1, Slo2.2 Na <sup>+</sup> -activated K <sup>+</sup> channel, Potassium channel subfamily T member 1
Gene ID:	60444
NCBI Accession:	<a href="#">NM_020822</a>
UniProt:	<a href="#">Q9Z258</a>

## Application Details

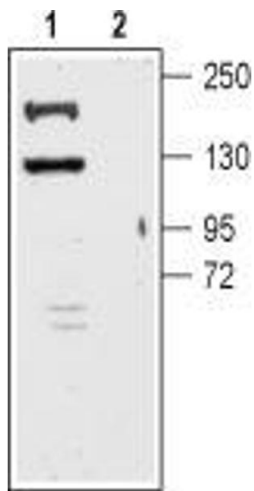
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

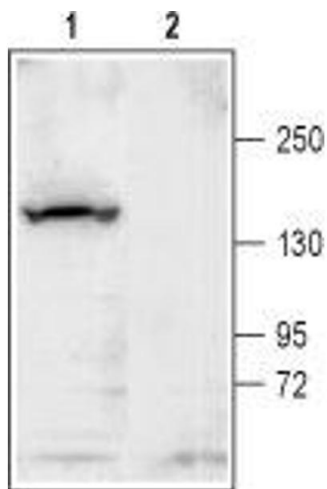
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Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium 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 mouse brain membrane: -  
 1. Anti-KCNT1 (Slack) Antibody (ABIN7043457, ABIN7045025 and ABIN7045026), (1:200). 2. Anti-KCNT1 (Slack) Antibody, preincubated with KCNT1/Slack Blocking Peptide (#BLP-PC124).



#### Western Blotting

**Image 2.** Western blot analysis of rat brain membrane: -  
 1. Anti-KCNT1 (Slack) Antibody (ABIN7043457, ABIN7045025 and ABIN7045026), (1:200). 2. Anti-KCNT1 (Slack) Antibody, preincubated with KCNT1/Slack Blocking Peptide (#BLP-PC124).