

Datasheet for ABIN7043528
anti-KCNA5 antibody (C-Term, Intracellular)



[Go to Product page](#)

1 Image

Overview

Quantity:	25 µL
Target:	KCNA5
Binding Specificity:	AA 513-602, C-Term, Intracellular
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Immunogen: GST fusion protein Immunogen Sequence: GST fusion protein with the sequence HRETDHEEQAALKEEQGIQRRESGLDTGGQRKVSCSKASFHKTGGPLEST DSIRRGSCPLEKCHLKAKSNVDLRRSLYALCLDTS RETDL, corresponding to amino acid residues 513-602 of mouse KV1.5
Isotype:	IgG
Characteristics:	Anti-KV1.5 (KCNA5) Antibody (ABIN7043528, ABIN7044902 and ABIN7044903)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot, immunohistochemistry, immunocytochemistry, and immunoprecipitation applications. It has been designed to recognize KV1.5 from human, rat, and mouse samples.

Product Details

Purification:	The serum was depleted of anti-GST antibodies by affinity chromatography on immobilized GST and then the IgG fraction was purified on immobilized antigen.
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Target Details

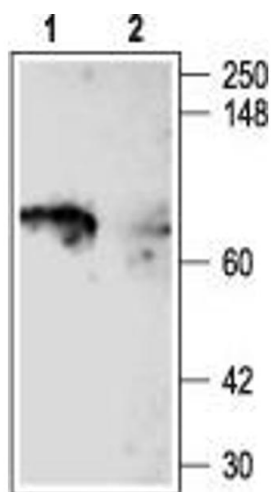
Target:	KCNA5
Alternative Name:	KV1.5 (KCNA5) (KCNA5 Products)
Background:	Alternative names: KV1.5 (KCNA5), Potassium voltage-gated channel subfamily A member 5
Gene ID:	16493
NCBI Accession:	NM_002234
UniProt:	Q61762

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:	0.6 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 5 % sucrose, 0.025 % 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-KV1.5 (KCNA5) Antibody (ABIN7043528, ABIN7044902 and ABIN7044903), (1:100). 2. Anti-KV1.5 (KCNA5) Antibody, preincubated with Kv1.5/KCNA5 Blocking Peptide (#BLP-PC004).