

Datasheet for ABIN7043531

anti-KCNA7 antibody (Intracellular, N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µL
Target:	KCNA7
Binding Specificity:	AA 2-15, Intracellular, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNA7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: TTRKAQEIHGKAPG(C), corresponding to amino acid residues 2-15 of mouse KV1.7
Isotype:	IgG
Cross-Reactivity (Details):	The antibody does not recognize KV1.7 from rat and human samples.
Characteristics:	Anti-Mouse KV1.7 (KCNA7) Antibody (ABIN7043531 and ABIN7044978)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot analysis. It has been designed to recognize KV1.7 from mouse samples. The antibody will not recognize the protein from human or rat samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

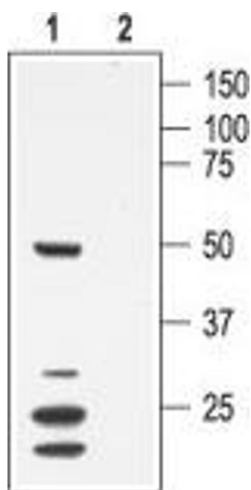
Target:	KCNA7
Alternative Name:	KV1.7 (KCNA7) (KCNA7 Products)
Background:	Alternative names: KV1.7 (KCNA7), Potassium voltage-gated channel subfamily A member 7
Gene ID:	16495
NCBI Accession:	NM_031886
UniProt:	Q17ST2

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 heart membranes: - 1. Anti-Mouse KV1.7 (KCNA7) Antibody (ABIN7043531 and ABIN7044978), (1:200). 2. Anti-Mouse KV1.7 (KCNA7) Antibody, preincubated with Mouse Kv1.7/KCNA7 Blocking Peptide (#BLP-PC063).