Datasheet for ABIN6658129

anti-Kv1.6/KCNA6 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µg
Target:	Kv1.6/KCNA6 (KCNA6)
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Kv1.6/KCNA6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Fluorescence Microscopy (FM), Immunoprecipitation (IP)

Product Details

Purpose:	Kv1.6 Antibody
Immunogen:	Kv1.6 Antibody was produced in mice by repeated immunizations raised against a synthetic peptide at the cytoplasmic C-terminus region of rat Kv1.6.
Clone:	S19-36
Isotype:	IgG3
Purification:	Anti-Kv1.6 Antibody was PEG purified.
Sterility:	Sterile filtered

Target Details

Target:	Kv1.6/KCNA6 (KCNA6)
Alternative Name:	Kv1.6 (KCNA6 Products)
Background:	Synonyms: HBK2, KCNA6, Potassium voltage-gated channel subfamily A member 6, MK1.6, Voltage-gated potassium channel subunit Kv1.6 Background: Voltage gated channels are tetrameters composed of four subunit consists of six transmembrane segments with cytoplasmic NH2 and COOH-termini. Members of the KV1-4 subfamilies generate functional K+ channels in a homotetrameric configuration. Gene Name: Kcna6
UniProt:	P17659

Application Details

Application Notes:	Immunoprecipitation_Dilution: User Optimized Immunohistochemistry_Dilution: 0.1-1.0 µg/mL IF_Microscopy_Dilution: 1.0-10 µg/mL Western_Blot_Dilution: 1 µg/mL
Comment:	Anti-Kv1.6 Antibody is tested for use in IP and IHC. Expect a band approximately ~60kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

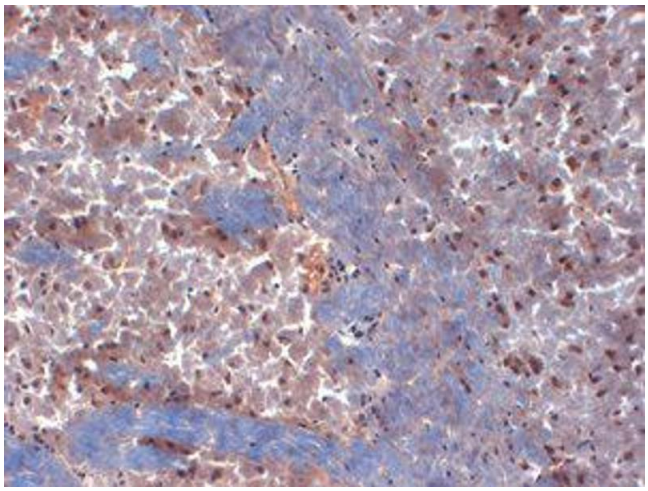
Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 50 % (v/v) Glycerol Preservative: 0.09 % (w/v) 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:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted

Handling

	liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Kv1.6 Immunohistochemistry. Immunohistochemistry of mouse anti-Kv1.6 antibody. Tissue: Frozen sections of mouse brain extract. Primary Antibody: Kv1.6 antibody at 1 µg/mL for 1h at RT. Secondary antibody: Peroxidase mouse secondary at 1:10,000 for 45 min at RT. Localization: membrane. Staining: Kv1.6 as brown signal.