

Datasheet for ABIN1304757
anti-Kv1.6/KCNA6 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	100 µL
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), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide 507-525 (RERRSSYLPTPHRAYAEKR, cytoplasmic C-terminus) of rat Kv1.6 (accession number P17659)
Clone:	K19-36
Isotype:	IgG3
Specificity:	No off-targets reported for other Kv1 channels
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Description: Our Anti-Kv1.6 K ⁺ channel mouse monoclonal primary antibody is produced in-house from hybridoma clone K19/36. It detects human, mouse, and rat Kv1.6 K ⁺ channel, and is purified by Protein A chromatography. It is great for use in IHC, ICC, IP, WB. Manufacturer Comment: We produce our Kv1.6 K ⁺ channel mouse monoclonal primary

Product Details

	antibody from hybridoma clone K19/36. It is great in IHC, ICC, IP, WB and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography.
Purity:	> 90% specific antibody

Target Details

Target:	Kv1.6/KCNA6 (KCNA6)
Alternative Name:	Kv1.6 K+ channel (KCNA6 Products)
Background:	Synonyms: Potassium voltage-gated channel subfamily A member 6 (RCK2) (Voltage-gated potassium channel subunit Kv1.6) (Voltage-gated potassium channel subunit Kv2) Target Description: Potassium voltage-gated channel subfamily A member 6 or Kv1.6 is encoded by the gene KCNA6. Kv1.6 is a potassium channel subunit is a member of the potassium channel, voltage-gated, shaker-related subfamily. Potassium channels form homotetrameric and heterotetrameric channels in the membrane with various other related proteins, including KCNA2, KCNA4, KCNA5, KCNA6, KCNA7. Kv1.6 is expressed in brain neurons as well as other cell types in the brain, in cardiac and smooth muscle tissue, ovary and testis. Gene Name Alternatives: Kcna6
Molecular Weight:	60 kDa
UniProt:	P17659

Application Details

Application Notes:	Dilution Range: IHC: 1:250 Dilution Range: ICC: 1:500 Dilution Range: WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL

Handling

Buffer:	10 mM Tris, 50 mM Sodium Chloride, 0.065 % Sodium Azide pH 7.4
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Expiry Date:	24 months