

Datasheet for ABIN2776171
anti-KCND1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	KCND1 (Kcnd1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCND1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	MAAGVATWLP FARAAVGWL PLAQQPLPPA PEVKASRGDE VLVNVSGRR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Kcnd1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	KCND1 (Kcnd1)
Alternative Name:	Kcnd1 (Kcnd1 Products)

Target Details

Background:	<p>Kcnd1 is a pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. It may contribute to I(To) current in the heart and I(Sa) current in neurons. Channel properties are modulated by subunit assembly.</p> <p>Alias Symbols: 1110037K09Rik, Kca2-1, Kv4.1, Shal, mShal1</p> <p>Protein Interaction Partner: Il16,</p> <p>Protein Size: 651</p>
Molecular Weight:	72 kDa
Gene ID:	16506
NCBI Accession:	NM_008423 , NP_032449
UniProt:	Q03719

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 651 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Kcnd1 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Spleen