

Datasheet for ABIN2776234
anti-HCN3 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	HCN3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCN3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HCN3
Sequence:	LQAAVTSNV AIALTHQRGP LPLSPDSPAT LLARSAWRSA GSPASPLVPV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 86%, Horse: 92%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HCN3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HCN3
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Target Details

Alternative Name:	HCN3 (HCN3 Products)
Background:	HCN3 is a putative hyperpolarization-activated ion channel exhibiting weak selectivity for potassium over sodium ions. Alias Symbols: KIAA1535, MGC131493 Protein Interaction Partner: ELAVL1, HCN1, HCN4, Protein Size: 774
Molecular Weight:	86 kDa
Gene ID:	57657
NCBI Accession:	NM_020897 , NP_065948
UniProt:	Q9P1Z3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 774 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-HCN3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: COLO205 cell lysate