antibodies

Datasheet for ABIN2461156 anti-KCNH5 antibody

Image

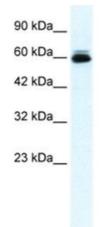


Overview

Quantity:	100 µL			
Target:	KCNH5			
Reactivity:	Human, Dog			
Host:	Rabbit			
Clonality:	Polyclonal			
Conjugate:	This KCNH5 antibody is un-conjugated			
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA			
Product Details				
Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human KCNH5.			
Purification:	Antibody is purified by peptide affinity chromatography method.			
Target Details				
Target:	KCNH5			
Alternative Name:	KCNH5 (KCNH5 Products)			
Background:	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. The KCNH5 gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming			

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Target Details	
	(alpha) subunit of a voltage-gated non-inactivating delayed rectifier potassium channel. KCNH5 is not expressed in differentiating myoblasts.
Molecular Weight:	67 kDa, 112 kDa, 71 kDa
Gene ID:	27133
NCBI Accession:	NP_758963
Application Details	
Application Notes:	KCNH5 antibody can be used for detection of KCNH5 by ELISA at 1:312500. KCNH5 antibody
	can be used for detection of KCNH5 by western blot at 0.5 μ g/mL, and HRP conjugated
	secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store KCNH5 antibody at -20 °C.



Western	B	lott	ing
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Image 1.

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