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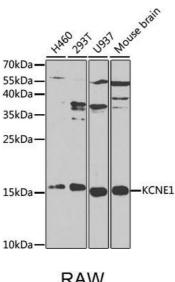


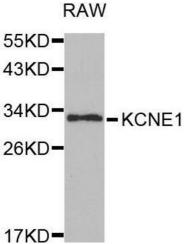
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Overview	
Quantity:	100 μL
Target:	KCNE1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNE1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human KCNE1 (NP_000210.2).
Sequence:	MILSNTTAVT PFLTKLWQET VQQGGNMSGL ARRSPRSSDG KLEALYVLMV LGFFGFFTLG IMLSYIRSKK LEHSNDPFNV YIESDAWQEK DKAYVQARVL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Target Details	
Target:	KCNE1

Target Details

Alternative Name:	KCNE1 (KCNE1 Products)
Background:	The product of this gene belongs to the potassium channel KCNE family. Potassium ion channels
	are essential to many cellular functions and show a high degree of diversity, varying in their
	electrophysiologic and pharmacologic properties. This gene encodes a transmembrane protein
	known to associate with the product of the KVLQT1 gene to form the delayed rectifier potassium
	channel. Mutation in this gene are associated with both Jervell and Lange-Nielsen and Romano-
	Ward forms of long-QT syndrome. Alternatively spliced transcript variants encoding the same
	protein have been
	identified.,KCNE1,ISK,JLNS,JLNS2,LQT2/5,LQT5,MinK,Neuroscience,Cardiovascular,Heart,Cardia
	arrhythmias,KCNE1
Molecular Weight:	14 kDa
Gene ID:	3753
UniProt:	P15382
Pathways:	Sensory Perception of Sound
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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 freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using KCNE1 antibody (ABIN3021634, ABIN3021635, ABIN3021636, ABIN1513121 and ABIN6215455) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

Western Blotting

Image 2. Western blot analysis of extracts of RAW cell line, using KCNE1 antibody.