Product Name: KCE1L Rabbit Polyclonal Antibody
Catalog #: APRab12922

Summary

Production Name	KCE1L Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	KCNE1L AMMECR2
Alternative Names	
Gene ID	23630.0
SwissProt ID	Q9UJ90.Synthesized peptide derived from human protein . at AA range: 40-120

Application

Dilution Ratio	WB 1:500-2000 ELISA 1:5000-20000
Molecular Weight	15kD

Background

potassium voltage-gated channel subfamily E regulatory subunit 5(KCNE5) Homo sapiens Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints.

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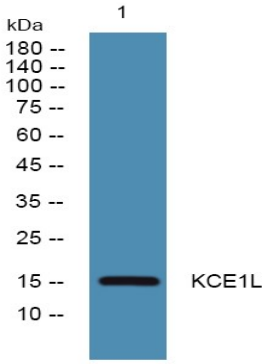
Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a membrane protein which has sequence similarity to the KCNE1 gene product, a member of the potassium channel, voltage-gated, isk-related subfamily. This intronless gene is deleted in AMME contiguous gene syndrome and may be involved in the cardiac and neurologic abnormalities found in the AMME contiguous gene syndrome. [provided by RefSeq, Jul 2008],disease:Defects in KCNE1L may be a cause of AMME complex [MIM:300194]; also known as Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis, and of additional mild abnormalities of the heart. The AMME complex is a contiguous gene deletion syndrome.,similarity:Belongs to the potassium channel KCNE family.,tissue specificity:Highly expressed in heart, skeletal muscle, brain, spinal cord and placenta.,

Research Area

Image Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night

Note

For research use only.