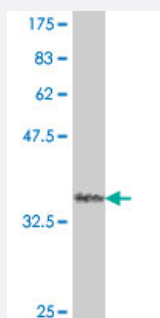


KCNE1 polyclonal antibody (A01)

Catalog # H00003753-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (33.04 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant KCNE1.
Immunogen	KCNE1 (NP_000210, 67 a.a. ~ 129 a.a) partial recombinant protein with GST tag.
Sequence	RSKKLEHSNDPFPNVYIESDAWQEKKAYVQARVLESYRSCYVVENHLAIEQPNTLHPETKPSP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.04 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — KCNE1

Entrez GeneID	3753
GeneBank Accession#	NM_000219
Protein Accession#	NP_000210
Gene Name	KCNE1
Gene Alias	FLJ18426, FLJ38123, FLJ94103, ISK, JLNS, JLNS2, LQT2/5, LQT5, MGC33114, MinK
Gene Description	potassium voltage-gated channel, Isk-related family, member 1
Omim ID	176261 220400
Gene Ontology	Hyperlink
Gene Summary	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 electro physiologic and pharmacologic properties. This gene encodes a transmembrane protein known t o 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 form s of long-QT syndrome. Alternatively spliced transcript variants encoding the same protein have b een identified. [provided by RefSeq
Other Designations	IKs producing slow voltage-gated potassium channel subunit beta Mink OTTHUMP00000108623 OTTHUMP00000108625 OTTHUMP00000108626 cardiac delayed rectifier potassium channel p rotein delayed rectifier potassium channel subunit Isk minimal potassium channel pot

Disease

- [Arrhythmia](#)
- [Arrhythmias](#)
- [Atrial Fibrillation](#)
- [Atrioventricular Block](#)
- [Brugada Syndrome](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)

- [Channelopathies](#)
- [Chromosome Deletion](#)
- [Cognition](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Gastroparesis](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Heart Arrest](#)
- [Heart Block](#)
- [Heart Valve Diseases](#)
- [Hyperparathyroidism](#)
- [Long QT syndrome](#)
- [Meniere Disease](#)
- [Myocardial Infarction](#)
- [Romano-Ward Syndrome](#)
- [Schizophrenia](#)
- [Sudden Infant Death](#)
- [Syncope](#)
- [Syndrome](#)
- [Torsades de Pointes](#)
- [Ventricular Dysfunction](#)