

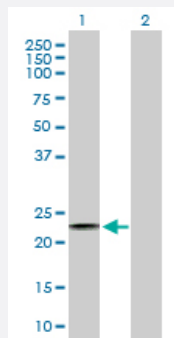
MaxPab®

KCNE1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003753-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KCNE1 expression in transfected 293T cell line ([H00003753-T01](#)) by KCNE1 MaxPab polyclonal antibody.

Lane 1: KCNE1 transfected lysate(14.19 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KCNE1 protein.
Immunogen	KCNE1 (NP_000210.2, 1 a.a. ~ 129 a.a) full-length human protein.
Sequence	MILSNTTAVTPFLTKLWQETVQQGGNMSGLARRSPRSSDGKLEALYVLMVLGFFGFFTLGIMLSYI RSKKLEHSNDPFNVYIESDAWQEKD KAYVQARVLESYRSCYVVENHLAIEQPNTLHPETKPSP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — KCNE1

Entrez GeneID [3753](#)

GeneBank Accession# [NM_000219.2](#)

Protein Accession# [NP_000210.2](#)

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 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. [provided by RefSeq]

Other Designations IKs producing slow voltage-gated potassium channel subunit beta Mink|OTTHUMP00000108623|OTTHUMP00000108625|OTTHUMP00000108626|cardiac delayed rectifier potassium channel protein|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](#)