

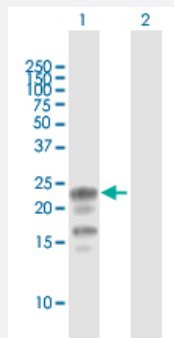
MaxPab®

KCNE1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00003753-B01

Size 50 uL

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	MILSNTTAVTPFLTKLWQETVQQGGNMSGLARRSPRSSDGKLEALYLMVLGFFGFFTLGIMLSYI RSKKLEHSNDPFNVYIESDAWQEKD KAYVQARVLESYRSCYVVENHLAIEQPNTHLPETKPSP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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.

[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 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](#)