

GOAT ANTI-KCNQ1 ANTIBODY

SKU: EB09214



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	slow delayed rectifier channel subunit long (electrocardiographic) QT syndrome, Ward-Romano syndrome 1 kidney and cardiac voltage dependend K+ channel Jervell and Lange-Nielsen syndrome 1 WRS SQT2 RWS LQT1 LQT Kv7.1 Kv1.9 KVLQT1 KCNA9 KCNA8 JLNS1 FLJ26167 ATFB1 potassium voltage-gated channel, KQT-like subfamily, member 1 KCNQ1
Accession ID	NP_000209.2; NP_861463.1
Blocking Peptide	EBP09214
Immunogen	Peptide with sequence C-EQLTVPRRGPEGS, from the C Terminus of the protein sequence according to NP_000209.2; NP_861463.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_000209.2; NP_861463.1).
Peptide Sequence	C-EQLTVPRRGPEGS
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human, Rat
Human Gene ID	3784
Mouse Gene ID	16535
Rat Gene ID	84020
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Rat Liver. Recommended concentration: 6-8µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	Approx. 60kDa band observed in Human Heart lysates (calculated MW of 61.5kDa according to NP_861463.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 28kDa. This band was successfully blocked by incubation with the immunizing peptide. Primary incubation was 1 hour.

Application
Type Pep-ELISA, WB, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES



