

# GOAT ANTI-KCNQ1 ANTIBODY

**SKU:** EB09214



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	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
<b>Accession ID</b>	NP_000209.2; NP_861463.1
<b>Blocking Peptide</b>	EBP09214
<b>Immunogen</b>	Peptide with sequence C-EQLTVPRRGPEGS, from the C Terminus of the protein sequence according to NP_000209.2; NP_861463.1.
<b>Product Comments</b>	This antibody is expected to recognize both reported isoforms (NP_000209.2; NP_861463.1).
<b>Peptide Sequence</b>	C-EQLTVPRRGPEGS
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Rat, Dog, Cow
<b>Reactive Species</b>	Human, Rat
<b>Human Gene ID</b>	3784
<b>Mouse Gene ID</b>	16535
<b>Rat Gene ID</b>	84020
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Rat Liver. Recommended concentration: 6-8µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	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



