



Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

## **GOAT ANTI-KCNQ1 ANTIBODY**

**SKU:** EB09214



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Telephone: (650) 697-3600

250kDa 150kDa 100kDa 75kDa 50kDa

37kDa

25kDa 20kDa

15kDa





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## **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

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

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

**Alias** 1|WRS|SQT2|RWS|LQT1|LQT|Kv7.1|Kv1.9|KVLQT1|KCNA9|KCNA8|JLNS1|FLJ26167|ATFB1|potassium voltage-Names

gated channel, KQT-like subfamily, member 1|KCNQ1

**Accession** 

NP\_000209.2; NP\_861463.1

**Blocking Peptide** 

EBP09214

Peptide with sequence C-EQLTVPRRGPDEGS, from the C Terminus of the protein sequence according to **Immunogen** 

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-EQLTVPRRGPDEGS

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method

using the immunizing peptide.

Shipping

Instructions

**Predicted** Human, Mouse, Rat, Dog, Cow

**Species** Reactive

**Species** 

Human, Rat

Refrigerated

Human Gene ID

3784

Mouse

16535

Gene ID Rat Gene ID 84020

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png

Grade

IHC Results Paraffin embedded Rat Liver. Recommended concentration: 6-8µg/ml.

**ELISA** 

**Detection** 

Antibody detection limit dilution 1:16000.

Limit

Approx. 60kDa band observed in Human Heart lysates (calculated MW of 61.5kDa according to NP\_861463.1).

Western **Blot** 

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** Pep-ELISA, WB, IHC

## **GALLERY IMAGES**

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