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GOAT ANTI-KCNQ1 ANTIBODY

SKU: EB09214



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250kDa 150kDa 100kDa 75kDa 50kDa

25kDa 20kDa

37kDa

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

Names

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

Alias

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

Peptide

Sequence

C-EQLTVPRRGPDEGS

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

This antibody is expected to recognize both reported isoforms (NP_000209.2; NP_861463.1).

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog, Cow

Species Reactive

Species

Human, Rat

Human

3784 Gene ID

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 Type

DOCUMENTS

• Data Sheet

GALLERY IMAGES

250kDa 150kDa 100kDa 75kDa

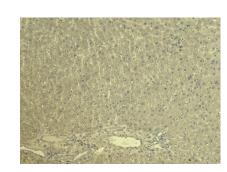
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