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## **GOAT ANTI-KCNQ3 ANTIBODY**

**SKU:** EB09213

## **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** 

Storage

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

Synonym /

**Alias** 

potassium voltage-gated channel KQT-like protein 3|potassium channel, voltage-gated, subfamily Q, member

3|KV7.3|EBN2|BFNC2|potassium voltage-gated channel, KQT-like subfamily, member 3|KCNQ3

**Names** Accession

NP 004510.1 ID

**Blocking** 

**Peptide** 

EBP09213

Immunogen Peptide with sequence C-SDSVWTPSNKPI, from the C Terminus of the protein sequence according to NP 004510.1.

**Peptide** 

C-SDSVWTPSNKPI Sequence

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

Method

the immunizing peptide.

**Shipping** 

Refrigerated Instructions

**Predicted** 

Human, Mouse, Rat, Pig **Species** 

Human

Gene ID

Mouse

3786

Gene ID

110862

Rat Gene ID 29682

**Product** 

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

Grade **ELISA** 

**Detection** 

Western

**Blot** 

Antibody detection limit dilution 1:16000.

Limit

Preliminary experiments gave an approx. 23kDa band in Human Brain (Cerebral Cortex, Amygdala, Hippocampus) lysates after 0.3µg/ml antibody staining. Please note that currently we can not find an explanation in the literature for the band we observe given the calculated size of 96.7kDa according to NP\_004510.1. The 23kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people

in the field - have any results been reported with other antibodies/lysates? Have any further splice

variants/modified forms been reported?





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**Application Type**Pep-ELISA