



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	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	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
Accession ID	NP_004510.1
Blocking Peptide	EBP09213
Immunogen	Peptide with sequence C-SDSVWTPSNKPI, from the C Terminus of the protein sequence according to NP_004510.1.
Peptide Sequence	C-SDSVWTPSNKPI
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, Pig
Human Gene ID	3786
Mouse Gene ID	110862
Rat Gene ID	29682
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	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

DOCUMENTS

- [Data Sheet](#)