ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-KCNQ3 Antibody

Item Number	dAP-1743
Target Molecule	Principle Name: KCNQ3; Official Symbol: KCNQ3; All Names and Symbols: KCNQ3; potassium voltage-gated channel, KQT-like subfamily, member 3; BFNC2; EBN2; KV7.3; potassium channel, voltage-gated, subfamily Q, member 3; potassium voltage-gated channel KQT-like protein 3; Accession Number (s): NP_004510.1; Human Gene ID(s): 3786; Non-Human GeneID(s): 110862 (mouse) 29682 (rat)
Immunogen	SDSVWTPSNKPI, is from C Terminus
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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
IHC	
Reference	Reference(s): Ekberg J, Schuetz F, Boase NA, Conroy SJ, Manning J, Kumar S, Poronnik P, Adams DJ. Regulation of the voltage-gated K(+) channels KCNQ2/3 and KCNQ3/5 by ubiquitination. Novel role for Nedd4-2. J Biol Chem. 2007 Apr 20;282(16):12135-42..PMID: 17322297->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com