

Goat anti-KCNC3 / Kv3.3 (aa317-328) Antibody

Item Number	dAP-2561
Target Molecule	Principle Name: KCNC3 / Kv3.3 (aa317-328); Official Symbol: KCNC3; All Names and Symbols: KCNC3; potassium voltage-gated channel, Shaw-related subfamily, member 3; KSHIID; KV3.3; SCA13; OT-THUMP00000042078; Shaw-related voltage-gated potassium channel protein 3; potassium voltage-gated channel subfamily C member 3; voltage-gated potassium chan; Accession Number (s): NP_004968.2; Human Gene ID(s): 3748; Non-Human GeneID(s): 16504 (mouse) 117101 (rat)
Immunogen	HISNKTVTQASP, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
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; Reconstitute 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: Approx 80kDa band observed in Mouse and Rat Brain lysates (calculated MW of 81.9kDa according to Mouse NP_032448.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Waters MF, Minassian NA, Stevanin G, Figueroa KP, Bannister JP, Nolte D, Mock AF, Evidente VG, Fee DB, Müller U, Dürr A, Brice A, Papazian DM, Pulst SM. Mutations in voltage-gated potassium channel KCNC3 cause degenerative and developmental central nervous system phenotypes. Nat

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**