

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09212 - Goat Anti-KCNQ5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KCNQ5, potassium voltage-gated channel, KQT-like subfamily,

member 5, Kv7.5, OTTHUMP00000016729, OTTHUMP00000064152,

OTTHUMP00000064153, potassium channel protein

Official Symbol: KCNQ5

Accession Number(s): NP_062816.2; NP_001153602.1; NP_001153604.1;

NP_1153605.1; NP_001153606.1

Human GeneID(s): 56479

Non-Human GenelD(s): 226922 (mouse), 259273 (rat)

Important Comments: This antibody is expected to cross-react with isoform 1, 2, 3, 4

and 5 (NP_062816.2; NP_001153602.1; NP_001153604.1; NP_1153605.1;

NP_001153606.1).

Immunogen

Peptide with sequence C-ESTDALSLPHVKLK, from the C Terminus of the protein sequence according to NP_062816.2; NP_001153602.1; NP_001153604.1; NP_1153605.1; NP_001153606.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Pig, Dog