

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.

EB09766 - Goat Anti-KCNE3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KCNE3, potassium voltage-gated channel, Isk-related family, member 3, DKFZp781H21101, HOKPP, MGC102685, MGC129924, MiRP2, ardiac voltage-gated potassium channel accessory subunit, minK-related peptide 2, minimum potassium ion channel-related peptide 2, potassium voltage-gated channel subfamily E member 3,

voltage-gated K+ channel subunit MIRP2

Official Symbol: KCNE3

Accession Number(s): NP_005463.1

Human GeneID(s): 10008

Non-Human GenelD(s): 57442 (mouse), 63883 (rat)

Immunogen

Peptide with sequence C-PDNQTEERRASLP, from the Internal region of the protein sequence according to NP_005463.1.

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 1:1000.

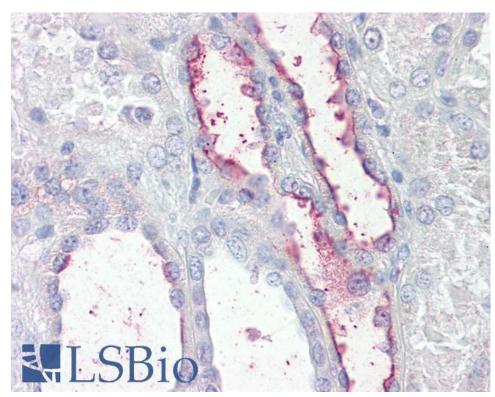
Western blot: Preliminary experiments in Human, Mouse and Rat Skeletal Muscle lysates gave no specific signal but low background (at antibody concentration up to 1ug/ml).

IHC: Paraffin embedded Human Kidney. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

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



 $EB09766~(3.75\mu g/ml)~staining~of~paraffin~embedded~Human~Kidney.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$