

UK Office

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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 GeneID(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

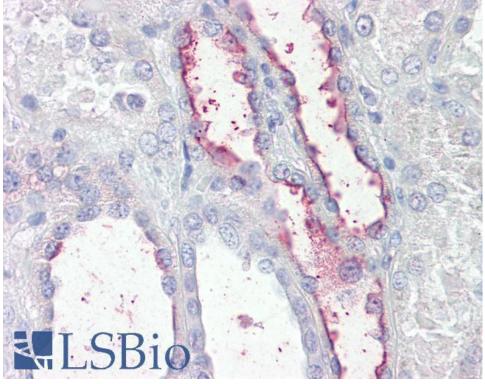
Peptide ELISA: antibody detection limit dilution 1:1000.

Western blot: Preliminary experiments in Human, Mouse and Rat Skeletal Muscle lysates gave no specific signal but low background (at antibody concentration up to 1µg/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 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.