

## 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<sup>+</sup> 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.

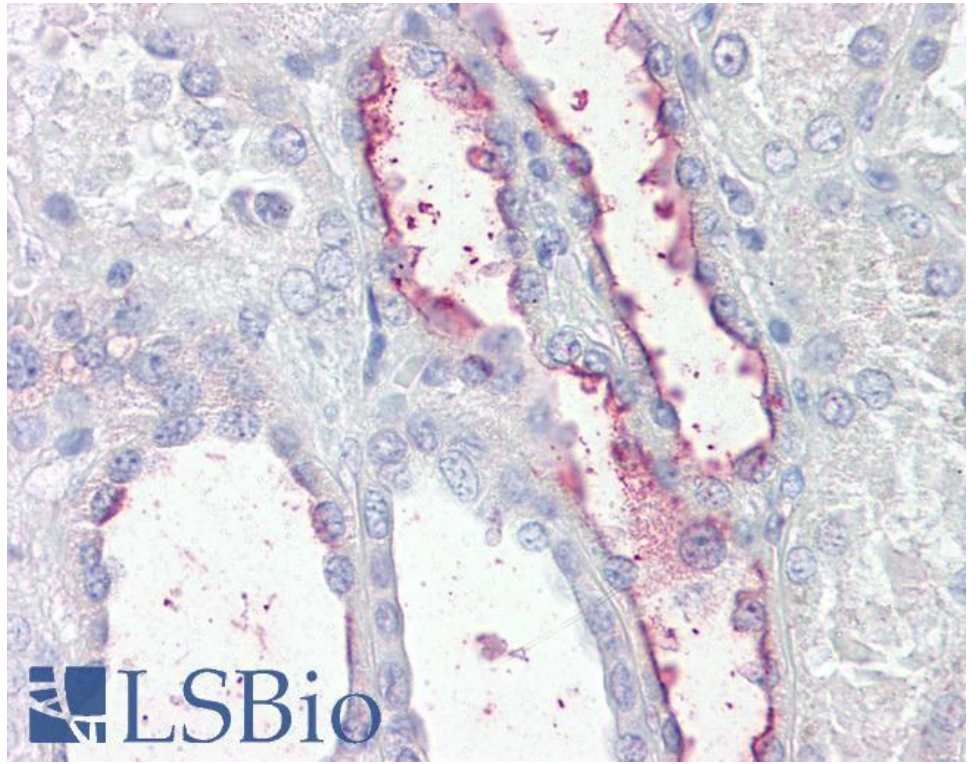
**Western blot:** Preliminary experiments in Human, Mouse and Rat Skeletal Muscle lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

**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.