

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12997 - Goat Anti-LIMK2 (aa181-193) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** LIMK2, LIM domain kinase 2

**Official Symbol:** LIMK2

**Accession Number(s):** NP\_001026971.1; NP\_005560.1; NP\_057952.1

**Human GeneID(s):** [3985](#)

**Non-Human GeneID(s):** 16886 (mouse), 29524 (rat)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_001026971.1; NP\_005560.1; NP\_057952.1).

### Immunogen

Peptide with sequence C-QVKEVNRMHISPN, from the internal region of the protein sequence according to NP\_001026971.1; NP\_005560.1; NP\_057952.1.

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 1:16000.

**Western blot:** Approx 75+80kDa doublet band observed in lysates of cell lines HeLa and NIH3T3 and approx 70kDa observed in Rat Pancreas lysates (calculated MW of 77.9kDa according to Human NP\_001026971.1 and 72.2kDa according to Human NP\_005560.1, Mouse NP\_034848.1 and Rat NP\_077049.2). Recommended concentration:0.3-1µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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



EB12997 (1 $\mu$ g/ml) staining of HeLa (A) and NIH3T3 (B) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12997 (0.3 $\mu$ g/ml) staining of Rat Pancreas lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.