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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 GenelD(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

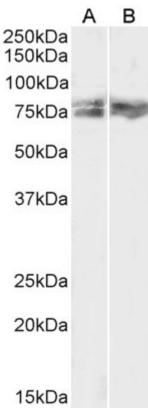
Peptide ELISA: antibody detection limit dilution 1:16000.

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



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