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Research Use Only. Not for diagnostic or therapeutic use.

EB05120 - Goat Anti-ILK Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ILK, integrin-linked kinase, P59, DKFZp686F1765, ILK-2, 59 kDa serine/threonine-protein kinase, ILK-1, integrin-linked kinase-2, integrin-linked protein

kinase, p59ILK

Official Symbol: ILK

Accession Number(s): NP_004508.1; NP_001014794.1; NP_001014795.1

Human GeneID(s): 3611

Important Comments: All 3 varients (represented by NP_004508.1; NP_001014794.1

and NP_001014795.1) encode the same protein.

Immunogen

Peptide with sequence C-DMIVPILEKMQDK, from the C Terminus of the protein sequence according to NP_004508.1; NP_001014794.1; NP_001014795.1.

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 1:32000.

Western blot: Approx 52kDa band observed in Mouse Kidney lysates and in lysates of cell line NIH3T3 and 50-51kDa in HEK293, A431, HeLa and Jurkat lysates (calculated MW of 51.4kDa according to Human NP_004508.1 and Mouse NP_034692.2).

Recommended concentration: 0.5-2µg/ml.

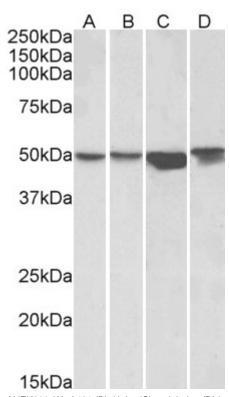
Species Reactivity

Tested: Human, Mouse

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



EB05120 ($0.5\mu g/ml$) staining of NIH3T3 lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05120 (1μg/ml) staining of HEK293 (A), A431 (B), HeLa (C) and Jurkat (D) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.