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Research Use Only. Not for diagnostic or therapeutic use.

EB11655 - Goat Anti-Lamin B1 (aa526-537) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ADLD, Iamin B1, Iamin-B1, LMN, LMN2, LMNB, LMNB1, MGC111419,

OTTHUMP00000159218
Official Symbol: LMNB1

Accession Number(s): NP_005564.1; NP_001185486.1

Human GeneID(s): 4001

Non-Human GeneID(s): 16906 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005564.1; NP_001185486.1).

Immunogen

Peptide with sequence C-DVKVILKNSQGE, from the internal region (near C terminus) of the protein sequence according to NP_005564.1; NP_001185486.1.

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 1:4000.

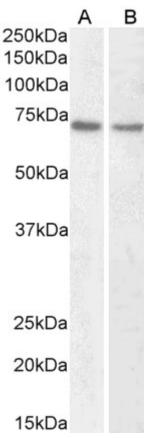
Western blot: Approx 70kDa band observed in nuclear lysates of cell lines HeLa and Jurkat and approx. 70-75kDa in Mouse Liver lysates (calculated MW of 66.4kDa according to Human NP_005564.1 and 66.8kDa according to Mouse NP_034851.2)

Recommended concentration: 1-3µg/ml.

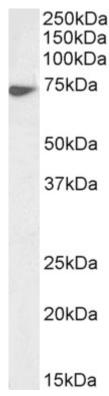
Species Reactivity

Tested: Human, Mouse

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



EB11655 (1µg/ml) staining of HeLa (A) and Jurkat (B) nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11655 ($1\mu g/ml$) staining of Mouse Liver lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.