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Research Use Only. Not for diagnostic or therapeutic use.

EB11654 - Goat Anti-Lamin B1 (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

OTTHUMP00000159218
Official Symbol: LMNB1

Accession Number(s): NP_005564.1

Human GeneID(s): 4001

Important Comments: This antibody is expected to recognize isoform 1 (NP_005564.1)

only.

Immunogen

Peptide with sequence C-KESDLNGAQIKLRE, from the internal region of the protein sequence according to NP_005564.1.

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 1:128000.

Western blot: Approx 65kDa band observed in lysates of cell line Jurkat (calculated MW of 66.4kDa according to NP_005564.1). Recommended concentration: 0.1-0.3μg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11654 (0.2 μ g/ml) staining of Jurkat lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.