

Goat anti-Lamin B1 (isoform 1) Antibody

Item Number dAP-2718

Target Molecule Principle Name: Lamin B1 (isoform 1); Official Symbol: LMNB1; All Names and Symbols: LMNB1; lamin B1; ADLD; LMN; LMN2; LMNB; MGC111419; OTTHUMP00000159218; lamin-B1; Accession Number (s): NP_005564.1; Human Gene ID(s): 4001; Non-Human GeneID(s):

Immunogen KESDLNQGAQIKLRE, is from internal region
This antibody is expected to recognize isoform 1 (NP_005564.1) only.

Applications Pep ELISA, WB

Species Tested: Human

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 128000.

Western Blot 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.

IHC

Reference Reference(s): Schuster J, Sundblom J, Thuresson AC, Hassin-Baer S, Klopstock T, Dichgans M, Cohen OS, Raininko R, Melberg A, Dahl N. Genomic duplications mediate overexpression of lamin B1 in adult-onset autosomal dominant leukodystrophy (ADLD) with autonomic symptoms. *Neurogenetics*. 2011 Feb;12

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**