

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB08570-B - Goat Anti-Laforin (isoform a), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EPM2A, epilepsy, progressive myoclonus type 2A, Lafora disease (laforin), EPM2, MELF, LAFPTPase, epilepsy, progressive myoclonus type 2, Lafora

disease (laforin), glucan phosphatase, lafora PTPase, laforin

Official Symbol: EPM2A

Accession Number(s): NP_005661.1

Human GenelD(s): 7957

Non-Human GeneID(s): 13853 (mouse), 680683 (rat)

Important Comments: This antibody is expected to recognize isoform a (NP_005661.1)

only.

Immunogen

Peptide with sequence C-EATGHTNEMKHTTD., from the internal region of the protein sequence according to NP_005661.1.

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 38kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 37.2kDa according to NP_005661.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

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



Biotinylated EB08570 (1μg/ml) staining of Human Cerebellum lysate (35μg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.