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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06589 - Goat Anti-Laforin / EPM2A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: EPM2A

Accession Number(s): NP_005661.1

Human GeneID(s): [7957](#)

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

Immunogen

Peptide with sequence KFGKVRSSVCSL, from the C Terminus of the protein sequence according to NP_005661.1.

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: Western Blot: Preliminary experiments gave an approx 22kDa band in Human Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 37.2kDa according to NP_005661.1. The 22kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported on non-transfected tissue with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

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