



Goat anti-Laforin (isoform a), Biotinylated Antibody

Item Number	dAP-3346
Target Molecule	Principle Name: Laforin (isoform a), Biotinylated; Official Symbol: EPM2A; All Names and Symbols: EP-M2A; epilepsy, progressive myoclonus type 2A, Lafora disease (laforin); EPM2; MELF; LAFPTPase; epilepsy, progressive myoclonus type 2, Lafora disease (laforin); glucan phosphatase; lafora PTPase; Accession Number (s): NP_005661.1; Human Gene ID(s): 7957; Non-Human GeneID(s): 13853 (mouse) 680683 (rat)
Immunogen	EATGHTNEMKHTTD., is from internal region This antibody is expected to recognize isoform a (NP_005661.1) only.
Applications	Pep ELISA, WB, IHC 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 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Mittal S, Dubey D, Yamakawa K, Ganesh S. Lafora disease proteins malin and laforin are recruited to aggresomes in response to proteasomal impairment. Human molecular genetics 2007 Apr 16 (7): 753-62..PMID: 17337485->

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**