

Goat anti-EPM2AIP1 Antibody

Item Number	dAP-2322
Target Molecule	Principle Name: EPM2AIP1; Official Symbol: EPM2AIP1; All Names and Symbols: EPM2AIP1; EPM2A (laforin) interacting protein 1; FLJ11207; KIAA0766; EPM2A interacting protein 1; Accession Number (s): NP_055620.1; Human Gene ID(s): 9852; Non-Human GeneID(s):
Immunogen	TRNQHTLSQPLTDEH, is from internal region (near C Terminus)
Applications	Pep ELISA, WB Trf, 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 8000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing full-length Human EPM2AIP1 (myc and DYKDDDDK tagged), a band of approx. 70kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody.
IHC	Immunohistochemistry: In paraffin embedded Human Heart shows regular staining of sarcoplasmic reticulum in the cardiac fibers. Recommended concentration, 5-10µg/ml.

Reference Reference(s): Ianzano L, Zhao XC, Minassian BA, Scherer SW, Identification of a novel protein interacting with laforin, the EPM2a progressive myoclonus epilepsy gene product. *Genomics* 2003 Jun 81 (6): 579-87..PMID: 12782127->

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 end users! This product is sold for **Research Use Only**