

Goat anti-Peripherin 1 (mouse) Antibody

Item Number	dAP-3103
Target Molecule	Principle Name: Peripherin 1 (mouse); Official Symbol: Prph; All Names and Symbols: Prph; peripherin; Prph1; peripherin 1; Accession Number (s): NP_038667.2; NP_001157060.1; NP_001157061.1; Human Gene ID(s) : ; Non-Human GeneID(s): 19132 (mouse) 24688 (rat)
Immunogen	QKEQHSDLDKSSIH, is from C Terminus This antibody is expected to recognize all reported isoforms (NP_038667.2; NP_001157060.1; NP_001157061.1).
Applications	Pep ELISA, WB Species Tested: Rat
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 55kDa band observed in Rat Colon lysates (calculated MW of 54.0kDa according to NP_036765.2). Recommended concentration: 0.1-0.3µg/ml. An additional faint band of unknown identity was also consistently observed at 75kDa. This band wa
IHC	
Reference	Reference(s): McLean JR, Robertson J. Isoform-specific expression and ratio changes accompany oxidant-induced peripherin aggregation in a neuroblastoma cell line. Brain research 2011 Nov 1422 : 57-65..PMID: 21985957->

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**