Goat anti-ARP1 homolog B Antibody

Item Number	dAP-0349
Target Molecule	Principle Name: ARP1 homolog B; Official Symbol: ACTR1B; All Names and Symbols: ACTR1B; ARP1B; CTRN2; ARP1 actin-related protein 1 homolog B, centractin beta (yeast); PC3; centractin beta; ARP1, yeast homolog B; ARP1 (actin-related protein 1, yeast) homolog B (centractin beta); ARP1 actin-related protein 1 homolog B, centractin beta; Accession Number (s): NP_005726.1; Human Gene ID(s): 10120; Non-Human GeneID(s): 226977 (mouse)
Immunogen	YEEDGSRAIHRKT, is from C Terminus This epitope was selected to minimise the chance of cross-reactivity with ACTR1A (YEEDGARSIHRKT).
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; Reconsititute 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 45kDa band observed in human heart and brain lysates (predicted MW of 43kDa according to NP_005726). Recommended for use at 0.5-2µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Uterus shows fibrillar staining of cytoplasm in endometrial cells. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Clark SW, Staub O, Clark IB, Holzbaur EL, Paschal BM, Vallee RB, Meyer DI. Beta-centractin: characterization and distribution of a new member of the centractin family of actin-related proteins. Mol Biol Cell. 1994 Dec;5(12):1301-10..PMID: 7696711 ->

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