

Goat anti-ARP1 homolog A Antibody

Item Number	dAP-0353
Target Molecule	Principle Name: ARP1 homolog A; Official Symbol: ACTR1A; All Names and Symbols: ACTR1A; ARP1; ARP1 actin-related protein 1 homolog A, centractin alpha (yeast); actin-RPV; centractin alpha; ARP1, yeast homolog A; centrosome-associated actin homolog; ARP1 (actin-related protein 1, yeast) homolog A (centractin alpha); CTRN1; FLJ52695; F; Accession Number (s): NP_005727.1; Human Gene ID(s): 10121; Non-Human GeneID(s): 54130 (mouse)
Immunogen	YEEDGARSIRHKT, is from C Terminus This epitope was selected to minimise the chance of cross-reactivity with ACTR1B (YEEDGSRAIRHKT).
Applications	Pep ELISA, WB 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 1000.
Western Blot	Western Blot: Approx. 45kDa band observed in Human Kidney lysates (calculated MW of 42.6kDa according to NP_005727.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Lees-Miller JP, Helfman DM, Schroer TA. A vertebrate actin-related protein is a component of a multisubunit complex involved in microtubule-based vesicle motility. Nature. 1992 Sep 17;359 (6392):244-6..PMID: 1528266 ->

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**