

Goat anti-ARPC2 Antibody

Item Number	dAP-0345
Target Molecule	Principle Name: ARPC2; Official Symbol: ARPC2; All Names and Symbols: ARPC2; actin related protein 2/3 complex, subunit 2, 34kDa; ARC34; PRO2446; p34-Arc; PNAS-139; ARP2/3 protein compex subunit 34; actin related protein 2/3 complex subunit 2; Accession Number (s): NP_005722.1; NP_690601.1; Human Gene ID(s): 10109; Non-Human GenelD(s): 76709 (mouse)
Immunogen	EMKTITGKTFSSR, is from C Terminus The reported variants NP_005722.1 and NP_690601.1 represent identical protein.
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 32000.
Western Blot	Western Blot: Approx 33-34kDa band observed in HeLa and Human Skeletal Muscle lysates (predicted MW of 34kDa according to NP_005722). Recommended for use at 0.1-0.5µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Spleen shows cytoplasm staining in some splenocytes in and around a T-cell area. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Welch MD, DePace AH, Verma S, Iwamatsu A, Mitchison TJ. The human Arp2/3 complex is composed of evolutionarily conserved subunits and is localized to cellular regions of dynamic actin filament assembly. <i>J Cell Biol.</i> 1997 Jul 28;138(2):375-84.. PMID: 9230079->

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**