

Goat anti-ARP2/3 subunit 1B Antibody

Item Number	dAP-0536
Target Molecule	Principle Name: ARP2/3 subunit 1B; Official Symbol: ARPC1B; All Names and Symbols: ARPC1B; actin related protein 2/3 complex, subunit 1B, 41kDa; ARC41; p40-ARC; p41-ARC; ARP2/3 protein complex subunit p41; actin related protein 2/3 complex, subunit 1A (41 kD); OTTHUMP0000206020; Accession Number (s): NP_005711.1; Human Gene ID(s): 10095; Non-Human GeneID(s):
Immunogen	AYHSFLVEPISCH, is from N Terminus
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 37kDa band observed in Human Liver lysates (calculated MW of 40.9kDa according to NP_005711). Recommended concentration: 2-4µg/ml. A minor band of unknown identity was also consistently observed at 28kDa.
IHC	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 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. J Cell Biol. 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**