

## Goat anti-ARPC3 Antibody

Item Number	dAP-0480
Target Molecule	Principle Name: ARPC3; Official Symbol: ARPC3; All Names and Symbols: ARPC3; ARC21; p21-Arc; actin related protein 2/3 complex, subunit 3, 21kDa; ARP2/3 protein complex subunit p21; actin related protein 2/3 complex subunit 3; Accession Number (s): NP_005710.1; Human Gene ID(s): 10094; Non-Human GeneID(s): 56378 (mouse)
Immunogen	RQFMNKSLSGPGQ, is from C Terminus Please note there are two hypothetical proteins called "similar to the Arp2/3 protein complex subunit p21-Arc" that are virtually identical (CAC14083, XP_208062).
Applications	Pep ELISA, WB  Species Tested: Human, Mouse
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 16000.
Western Blot	Western Blot: Band observed just below 20kDa marker in HeLa, Human Brain and Mouse Brain lysates (predicted MW of 20kDa according to NP_005710). Recommended for use at 1-3µg/ml.
IHC	
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 end users! This product is sold for **Research Use Only**