

Goat anti-Dynactin Antibody

Item Number	dAP-0344
Target Molecule	Principle Name: Dynactin; Official Symbol: DCTN1; All Names and Symbols: DCTN1; dynactin 1 (p150, glued homolog, <i>Drosophila</i>); P135; DP-150; DAP-150; p150-glued; p150, Glued (<i>Drosophila</i>) homolog; 150 kDa dynein-associated polypeptide; dynactin 1 (p150, Glued (<i>Drosophila</i>) homolog); HMN7B; OT-THUMP00000202491; dynactin 1; p150, GI; Accession Number (s): NP_004073.2; NP_075408.1; NP_001128512.1; NP_001128513.1; Human Gene ID(s): 1639; Non-Human GenelD(s): 13191 (mouse)
Immunogen	QEQLHQLHSRLIS, is from C Terminus This antibody is expected to recognise all reported isoforms (NP_004073.2; NP_075408.1; NP_001128512.1; NP_001128513.1).
Applications	Pep ELISA, WB, IHC, ICC 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 128000.
Western Blot	Western Blot: Approx 150kDa band observed in Human Testis lysates (calculated MW of 142kDa according to NP_004073.2). Recommended for use at 0.5-2µg/ml. Primary incubated for 1 hour. A customer found positive results in WB on Mouse embryonic fibroblasts
IHC	Immunohistochemistry: In paraffin embedded Human Cerebellum shows pixulate staining of cytoplasm in neuronal cells. Recommended concentration: 2-4µg/ml. A customer found positive results in IHC on Human HeLa cells.
Reference	Reference(s): Holzbaur EL, Tokito MK. Localization of the DCTN1 gene encoding p150Glued to human chromosome 2p13 by fluorescence in situ hybridization. <i>Genomics</i> . 1996 Feb 1;31(3):398-9. No abstract available.. PMID: 8838327 ->

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**