

## Goat anti-Dynactin Antibody

<b>Item Number</b>	dAP-0344
<b>Target Molecule</b>	Principle Name: Dynactin; Official Symbol: DCTN1; All Names and Symbols: DCTN1; dynactin 1 (p150, glued homolog, Drosophila); P135; DP-150; DAP-150; p150-glued; p150, Glued (Drosophila) homolog; 150 kDa dynein-associated polypeptide; dynactin 1 (p150, Glued (Drosophila) homolog); HMN7B; OT-THUMP00000202491; dynactin 1; p150, Gl; Accession Number (s): NP_004073.2; NP_075408.1; NP_001128512.1; NP_001128513.1; Human Gene ID(s): 1639; Non-Human GeneID(s): 13191 (mouse)
<b>Immunogen</b>	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).
<b>Applications</b>	Pep ELISA, WB, IHC, ICC  Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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
<b>IHC</b>	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.
<b>Reference</b>	Reference(s): Holzbaur EL, Tokito MK. Localization of the DCTN1 gene encoding p150Glued to human chromosome 2p13 by fluorescence in situ hybridization. Genomics. 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 ender users! This product is sold for **Research Use Only**