

Goat anti-DYNC1H1 Antibody

Item Number	dAP-2000
Target Molecule	Principle Name: DYNC1H1; Official Symbol: DYNC1H1; All Names and Symbols: DYNC1H1; dynein, cytoplasmic 1, heavy chain 1; DHC1; DHC1a; DKFZp686P2245; DNCH1; DNCL; DNECL; DYHC; Dnchc1; HL-3; KIAA0325; p22; DYNC1H1 variant protein; cytoplasmic dynein heavy chain; dynein heavy chain, cytosolic; dynein, cytoplasmic, heavy polypeptid; Accession Number (s): NP_001367.2; Human Gene ID(s): 1778; Non-Human GenelD(s): 25152 (rat)
Immunogen	EKKRTDSTSDGRP, is from internal region
Applications	Pep ELISA Species Tested:
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 4000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 532kDa according to NP_001367.2. Therefore we cannot recommend an optimal concentration and the antibody i
IHC	
Reference	Reference(s): Chen XJ, Levedakou EN, Millen KJ, Wollmann RL, Soliven B, Popko B Proprioceptive sensory neuropathy in mice with a mutation in the cytoplasmic Dynein heavy chain 1 gene J Neurosci. 2007 Dec 26;27(52):14515-24. PMID: 18160659->

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**