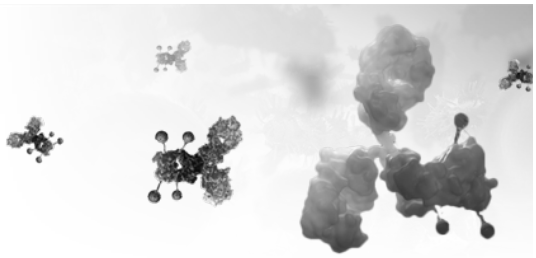

Anti-DYNC1H1 (aa 733-832) polyclonal antibody (DPAB-DC770)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Dyneins are a group of microtubule-activated ATPases that function as molecular motors. They are divided into two subgroups of axonemal and cytoplasmic dyneins. The cytoplasmic dyneins function in intracellular motility, including retrograde axonal transport, protein sorting, organelle movement, and spindle dynamics. Molecules of conventional cytoplasmic dynein are comprised of 2 heavy chain polypeptides and a number of intermediate and light chains.This gene encodes a member of the cytoplasmic dynein heavy chain family.
Immunogen	DNCH1 (AAH21297, 733 a.a. ~ 832 a.a) partial recombinant protein with GST tag. The sequence is TSQGATLDACSFGVTGLKLQGATCNNNKLSLSNAISTALPLTQLRWVKQTNTEKKASVVT LPVYLNFTRADLIFTVDFEIATKEDPRSFYERGVAVLCTE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	DYNC1H1 dynein, cytoplasmic 1, heavy chain 1 [Homo sapiens (human)]
Official Symbol	DYNC1H1
Synonyms	DYNC1H1; dynein, cytoplasmic 1, heavy chain 1; p22; DHC1; DNCL; DYHC; HL-3; DHC1a; DNCH1; DNECL; Dnchc1; SMALED1; cytoplasmic dynein 1 heavy chain 1; dynein heavy chain, cytosolic; dynein, cytoplasmic, heavy polypeptide 1;
Entrez Gene ID	1778
Protein Refseq	NP_001367
UniProt ID	Q14204
Chromosome Location	14q32
Pathway	Adaptive Immune System; Cell Cycle, Mitotic; G2/M Transition; Lissencephaly gene (LIS1) in neuronal migration and development
Function	ATP binding; ATPase activity; microtubule motor activity; poly(A) RNA binding

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