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DYNC1H1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20786c

Product Information

Application	WB, E
Primary Accession	Q14204
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50599
Calculated MW	532408

Additional Information

Gene ID	1778
Other Names	Cytoplasmic dynein 1 heavy chain 1, Cytoplasmic dynein heavy chain 1, Dynein heavy chain, cytosolic, DYNC1H1, DHC1, DNCH1, DNCL, DNECL, DYHC, KIAA0325
Target/Specificity	This DYNC1H1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 4224-4257 amino acids from the C-terminal region of human DYNC1H1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DYNC1H1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DYNC1H1 (HGNC:2961)
Function	Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of

	ADP. Plays a role in mitotic spindle assembly and metaphase plate congression (PubMed:27462074).
Cellular Location	Cytoplasm, cytoskeleton

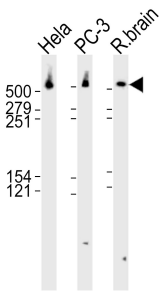
Background

Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP.

References

Nagase T.,et al.DNA Res. 4:141-150(1997).
Ohara O.,et al.Submitted (AUG-2005) to the EMBL/GenBank/DDBJ databases.
Yamakawa H.,et al.Submitted (JAN-2007) to the EMBL/GenBank/DDBJ databases.
Vaisberg E.A.,et al.J. Cell Biol. 133:831-842(1996).
Vaisberg E.A.,et al.J. Cell Biol. 123:849-858(1993).

Images



Western blot analysis of lysates from Hela, PC-3 cell line and rat brain tissue lysate(from left to right), using DYNC1H1 Antibody (C-term)(Cat. #AP20786c). AP20786c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.