antibodies

# Datasheet for ABIN7441547 anti-DYNC1H1 antibody (AA 20-285)

Image



#### Overview

Quantity:	100 µL	
Target:	DYNC1H1	
Binding Specificity:	AA 20-285	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DYNC1H1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)	

## Product Details

Purpose:	Polyclonal Antibody to Dynein, Cytoplasmic 1, Heavy Chain 1 (DYNC1H1)	
Immunogen:	Recombinant Dynein, Cytoplasmic 1, Heavy Chain 1 (DYNC1H1) corresdonding to Ala20~Leu285 with N-terminal His Tag	
lsotype:	lgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against DYNC1H1. It has been selected for its ability to recognize DYNC1H1 in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Mouse, Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

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Target Details	arget Details		
Target:	DYNC1H1		
Alternative Name:	Dynein, Cytoplasmic 1, Heavy Chain 1 (DYNC1H1 Products)		
Background:	DHC1, DHC1a, DNCH1, DNCL, DNECL, DYHC, Dnchc1, HL-3, p22, Dynein heavy chain, cytosolic Cytoplasmic dynein heavy chain 1, Cytoplasmic dynein 1 heavy chain 1		
Pathways:	M Phase, Ribonucleoprotein Complex Subunit Organization		

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL	
	Immunohistochemistry: 5-20 µg/mL	
	Immunocytochemistry: 5-20 µg/mL	
	Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated	
	thermal degradation test, that is, incubate the protein at $37^{\circ}$ C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	

### Handling

Format:	Liquid	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	

1

kDa 70		11
44		
33	-	←34kDa
26		
22		
18		
14		
10		

### Western Blotting

**Image 1.** Detection of Recombinant DYNC1H1, Human using Polyclonal Antibody to Dynein, Cytoplasmic 1, Heavy Chain 1 (DYNC1H1)

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