Datasheet for ABIN6242987

anti-DYNC1H1 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	DYNC1H1
Binding Specificity:	AA 4202-4236, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYNC1H1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This DYNC1H1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 4202-4236 amino acids from the C-terminal region of human DYNC1H1.
Clone:	RB50599
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DYNC1H1
Alternative Name:	DYNC1H1 (DYNC1H1 Products)
Background:	Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and

Target Details

	organelles along microtubules. Dynein has ATPase activity, the force-producing power stroke is thought to occur on release of ADP.
Molecular Weight:	532408
UniProt:	Q14204
Pathways:	M Phase, Ribonucleoprotein Complex Subunit Organization

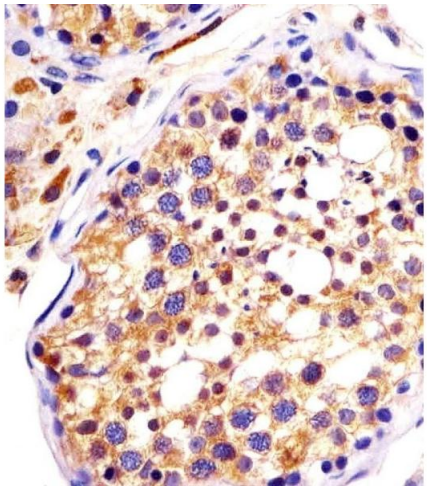
Application Details

Application Notes:	WB: 1:2000. WB: 1:2000. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

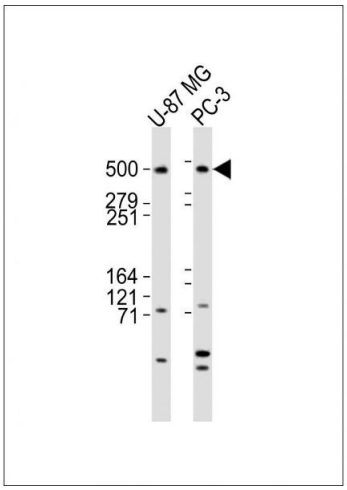
Images



Immunohistochemistry (Paraffin-embedded Sections)

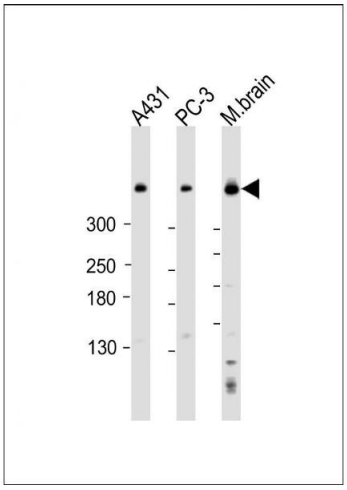
Image 1. (ABIN6242987 and ABIN6578147) staining DYNC1H1 in human testis sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the

secondary antibody.



Western Blotting

Image 2. All lanes : Anti-DYNC1H1 Antibody (C-term) at 1:2000 dilution Lane 1: U-87 MG whole cell lysates Lane 2: PC-3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 532 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. All lanes : Anti-DYNC1H1 Antibody (C-term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: PC-3 whole cell lysate Lane 3: mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 532 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.