

For Research Use Only

DNAH6 Polyclonal antibody

Catalog Number: 30073-1-AP



Basic Information

Catalog Number: 30073-1-AP	GenBank Accession Number: BC104884	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 1768	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9C0G6	IHC 1:50-1:500
Isotype: IgG	Full Name: dynein, axonemal, heavy chain 6	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG32364	Calculated MW: 475 kDa	
	Observed MW: 475 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human, mouse	WB : mouse testis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse testis tissue,
	IF/ICC : hTERT-RPE1 cells,

Background Information

DNAH6(Dynein heavy chain 6, axonemal) is also named as DNAHC6, DNHL1, HL2, KIAA1697 and belongs to the dynein heavy chain family. Dyneins are microtubule-associated motor protein complexes composed of several heavy, light, and intermediate chains(PMID:8812413). It is a force generating protein of respiratory cilia and produces force towards the minus ends of microtubules. This antibody is specific to DNAH6.

Storage

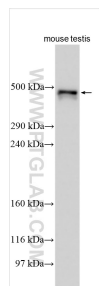
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

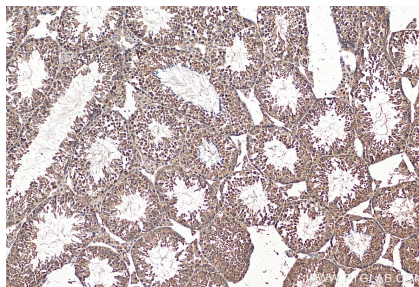
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

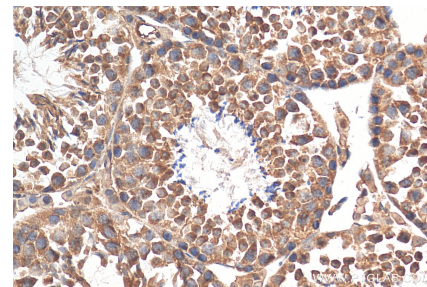
Selected Validation Data



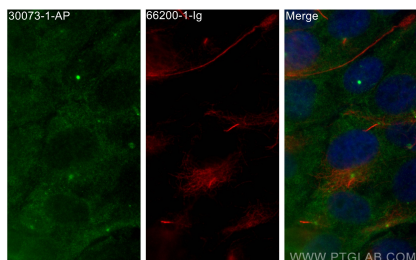
mouse testis tissue were subjected to SDS PAGE followed by western blot with 30073-1-AP (DNAH6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



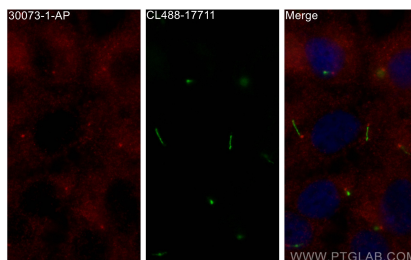
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 30073-1-AP (DNAH6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 30073-1-AP (DNAH6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using DNAH6 antibody (30073-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L), acetylated Tubulin(Lys40) antibody (66200-1-Ig, Clone: 7E5H8, red).



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using DNAH6 antibody (30073-1-AP) at dilution of 1:200 and CoraLite® 594-Conjugated Goat Anti-Rabbit IgG(H+L), CoraLite® Plus 488 ARL13B antibody (CL488-17711, green).