

For Research Use Only

HYDIN Polyclonal antibody

Catalog Number: 24741-1-AP



Basic Information

Catalog Number: 24741-1-AP	GenBank Accession Number: BC028351	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54768	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: hydrocephalus inducing homolog (mouse)	
Isotype: IgG	Calculated MW: 721aa,82 kDa; 5120aa,560 kDa	
Immunogen Catalog Number: AG10732		

Applications

Tested Applications: IHC,ELISA	Positive Controls: IHC : human testis tissue, human cerebellum tissue
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

HYDIN (hydrocephalus inducing homolog), also named as HYDIN1 or HYDIN2, is a 5121 amino acid protein, which localizes in the cell projection. HYDIN exists as seven alternatively spliced isoforms and is expressed in the ciliated ependymal cell layer of heart ventricle. HYDIN is also found in ciliated epithelial cells of developing spermatocytes, oviduct and bronchi and is required for ciliary motility. HYDIN gene mutation is involved in Ciliary dyskinesia primary 5.

Storage

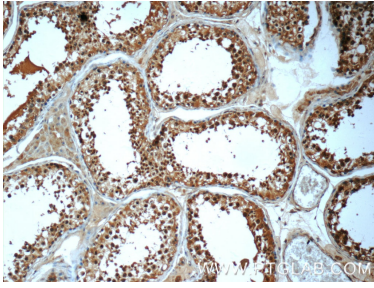
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

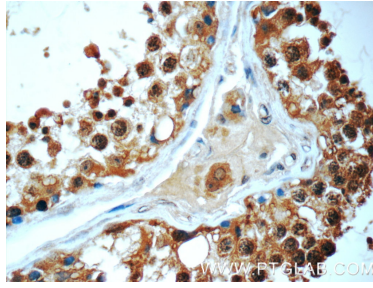
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24741-1-AP (HYDIN Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24741-1-AP (HYDIN Antibody) at dilution of 1:50 (under 40x lens).