

For Research Use Only

HYDIN Polyclonal ANTIBODY



Catalog Number: 24741-1-AP

Basic Information

Catalog Number:

24741-1-AP

Size:

150UL, Concentration: 353 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10732

GenBank Accession Number:

BC028351

GeneID (NCBI):

54768

Full Name:

hydrocephalus inducing homolog (mouse)

Calculated MW:

721aa,82 kDa; 5120aa,560 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

Applications

Tested Applications:

IHC, ELISA

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

Positive Controls:

IHC : human testis tissue, human cerebellum tissue

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 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

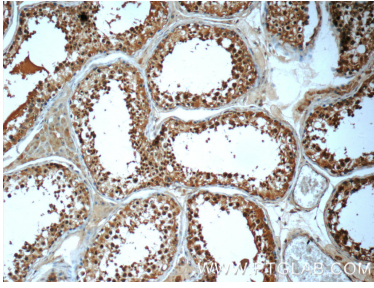
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

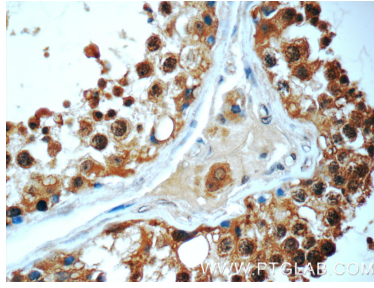
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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).