

For Research Use Only

HYDIN Polyclonal antibody

Catalog Number: 24741-1-AP

1 Publications



Basic Information

Catalog Number:

24741-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10732

GenBank Accession Number:

BC028351

GeneID (NCBI):

54768

UNIPROT ID:

Q4G0P3

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

Cited Applications:

IF

Species Specificity:

human

Cited Species:

mouse

Positive Controls:

IHC : human testis tissue, human cerebellum tissue

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Jinyi Chen	39853433	Cell Mol Life Sci	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

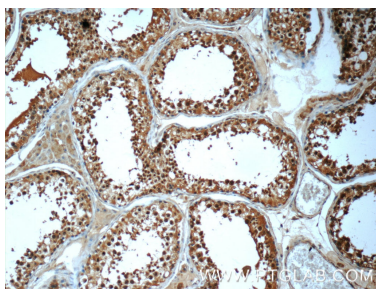
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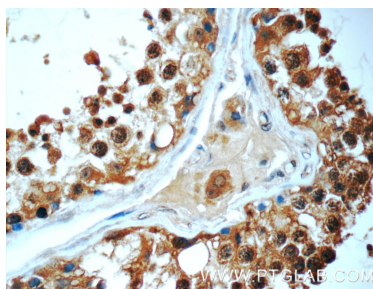
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Selected Validation Data



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).