

For Research Use Only

DPCD Polyclonal antibody

Catalog Number: 20936-1-AP

2 Publications



Basic Information

Catalog Number:

20936-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15029

GenBank Accession Number:

BC031695

GeneID (NCBI):

25911

UNIPROT ID:

Q9BVM2

Full Name:

deleted in a mouse model of primary ciliary dyskinesia

Calculated MW:

203 aa, 23 kDa

Observed MW:

23-26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

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:

WB : mouse testis tissue, human testis tissue, rat testis tissue

IHC : mouse testis tissue, human heart tissue

Background Information

DPCD (for deleted in a mouse model of primary ciliary dyskinesia), is predicted to code for a protein of 23 kDa which remains a novel candidate gene for PCD (Primary ciliary dyskinesia).

Notable Publications

Author	Pubmed ID	Journal	Application
S Prpar Mihevc	27665936	Sci Rep	WB,IF
Yu-Qian Mao	38306274	Cell Rep	WB

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

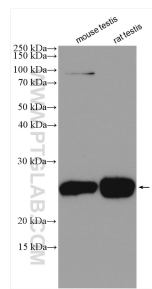
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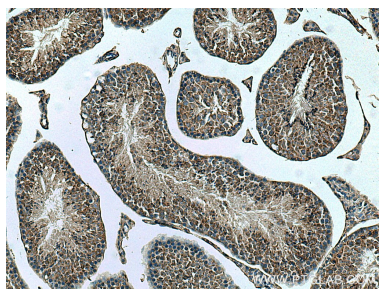
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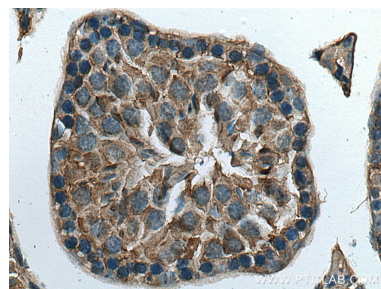
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20936-1-AP (DPCD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 20936-1-AP (DPCD 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 20936-1-AP (DPCD antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).