

For Research Use Only

TDRD5 Polyclonal antibody

Catalog Number: 25239-1-AP



Basic Information

Catalog Number:

25239-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 387 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18896

GenBank Accession Number:

BC130532

GeneID (NCBI):

163589

UNIPROT ID:

Q8NAT2

Full Name:

tudor domain containing 5

Calculated MW:

981 aa, 110 kDa

Observed MW:

~116 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Species Specificity:

human, mouse

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,

IP : mouse testis tissue,

IHC : mouse testis tissue,

Background Information

TDRD5, also named as Tudor domain-containing protein 5, is a 981 amino acid protein, which contains one Tudor domain and three HTH OST-type domains. TDRD5 localizes in the cytoplasm and belongs to the TDRD5 family. TDRD5 is required during spermiogenesis to participate in the repression transposable elements and prevent their mobilization, which is essential for the germline integrity.

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

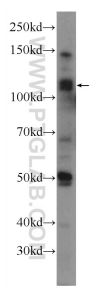
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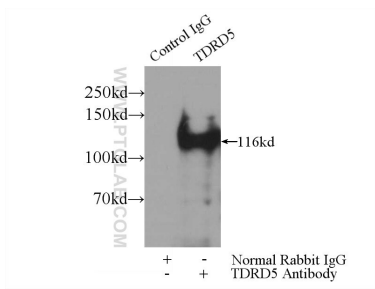
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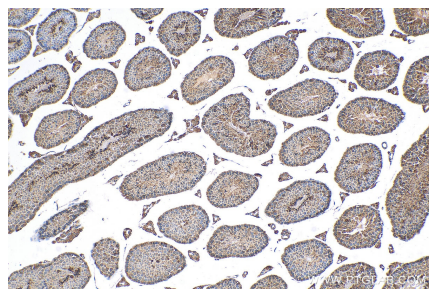
Selected Validation Data



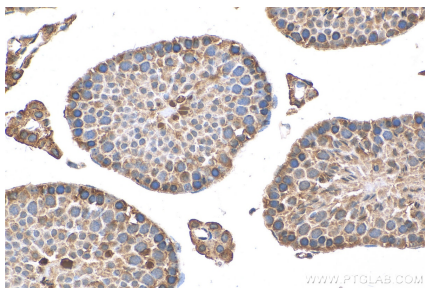
mouse testis tissue were subjected to SDS PAGE followed by western blot with 25239-1-AP (TDRD5 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-TDRD5 (IP:25239-1-AP, 5ug; Detection:25239-1-AP 1:300) with mouse testis tissue lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25239-1-AP (TDRD5 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 25239-1-AP (TDRD5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).