

For Research Use Only

TDRD5 Polyclonal antibody

Catalog Number: 25239-1-AP



Basic Information

Catalog Number: 25239-1-AP	GenBank Accession Number: BC130532	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 163589	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: Q8NAT2	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: tudor domain containing 5	IHC 1:50-1:500
Immunogen Catalog Number: AG18896	Calculated MW: 981 aa, 110 kDa	
	Observed MW: ~116 kDa	

Applications

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

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

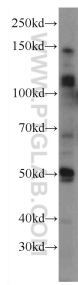
T: 4006900926

E: Proteintech-CN@ptglab.com

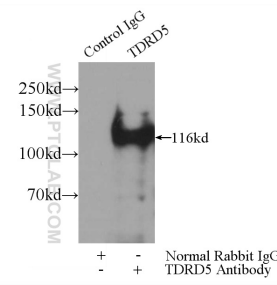
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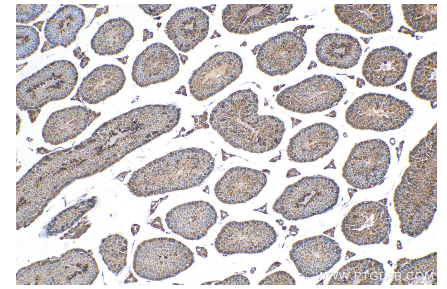
Selected Validation Data



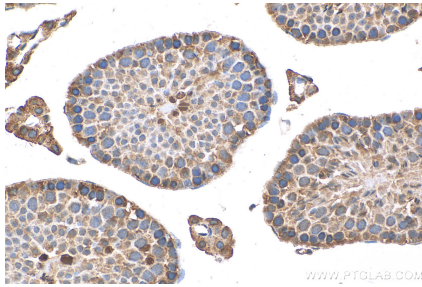
mouse testis tissue were subjected to SDS PAGE followed by western blot with 25239-1-AP (TDRD5 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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).