

For Research Use Only

MORN2 Polyclonal antibody

Catalog Number: 21224-1-AP



Basic Information

Catalog Number: 21224-1-AP	GenBank Accession Number: BC102035	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 ug/ml by Nanodrop;	GeneID (NCBI): 729967	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q502X0	
Isotype: IgG	Full Name: MORN repeat containing 2	
Immunogen Catalog Number: AG15665	Calculated MW: 79 aa, 9 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse testis tissue,
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	

Background Information

(MORN2 is a testis-enriched protein and its initial expression coincides with the first wave of meiosis. MORN2 functions in the dynamic regulation of acrosome biogenesis during late spermiogenesis, and MORN2 has been shown to function in LC3-associated phagocytosis and in resistance to bacterial infection in planarians.

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

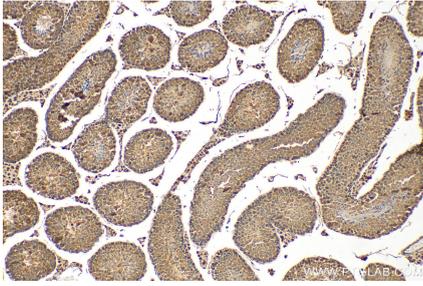
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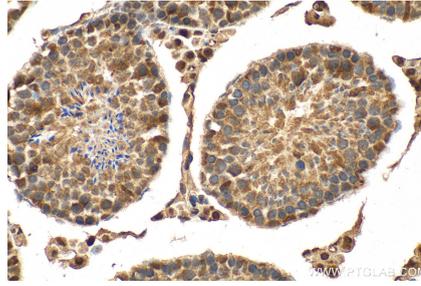
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 21224-1-AP (MORN2 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 21224-1-AP (MORN2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).