

For Research Use Only

# MORN2 Polyclonal antibody

Catalog Number: 21224-1-AP



## Basic Information

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

## Applications

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

## 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

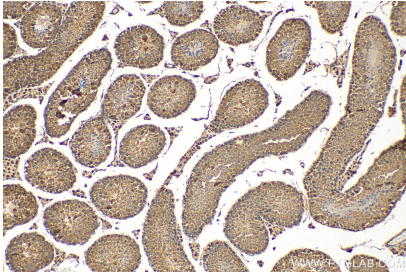
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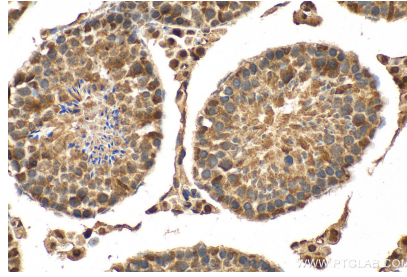
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## Selected Validation Data



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).