

For Research Use Only

# MIER1 Polyclonal antibody

Catalog Number: 11452-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 11452-1-AP	<b>GenBank Accession Number:</b> BC017423	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 440 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 57708	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:20-1:200 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> mesoderm induction early response 1 homolog (Xenopus laevis)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 536 aa, 61 kDa	
<b>Immunogen Catalog Number:</b> AG2010	<b>Observed MW:</b> 82 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

ChIP, IHC, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

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** : human testis tissue, HepG2 cells, mouse heart tissue

**IHC** : human pancreas cancer tissue,

**IF** : HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Mingjun Sun	37995868	Gastroenterology	WB,ChIP
Yufeng Xiao	37572669	Cell Chem Biol	WB
Yanhao Chen	36934083	Nat Commun	IHC

## 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

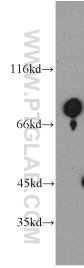
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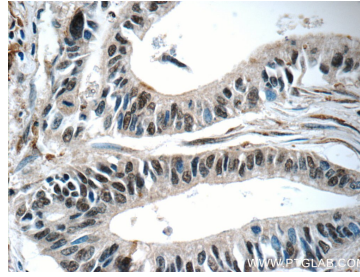
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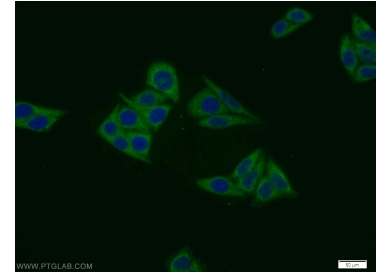
## Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 11452-1-AP (MIER1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11452-1-AP (MIER1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 11452-1-AP (MIER1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).