

For Research Use Only

# MIER1 Polyclonal antibody

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



## Basic Information

### Catalog Number:

11452-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 440 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2010

### GenBank Accession Number:

BC017423

### GeneID (NCBI):

57708

### UNIPROT ID:

Q8N108

### Full Name:

mesoderm induction early response 1 homolog (Xenopus laevis)

### Calculated MW:

536 aa, 61 kDa

### Observed MW:

82 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:4000

IHC: 1:20-1:200

FC (Intra): 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, ChIP

### 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,

FC (Intra) : A431 cells,

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

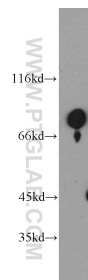
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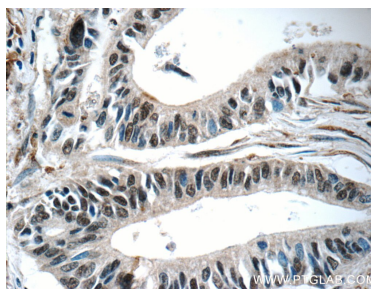
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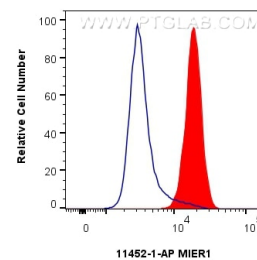
## Selected Validation Data



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).



$1 \times 10^6$  A431 cells were intracellularly stained with 0.25  $\mu$ g MIER1 Polyclonal antibody (11452-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25  $\mu$ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).