

For Research Use Only

# MEI1 Polyclonal antibody

Catalog Number: 13456-1-AP

1 Publications



## Basic Information

Catalog Number:

13456-1-AP

Concentration:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4253

GenBank Accession Number:

BC032248

GeneID (NCBI):

150365

UNIPROT ID:

Q5TIA1

Full Name:

meiosis inhibitor 1

Calculated MW:

894 aa, 99 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

**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 : mouse brain tissue,

IHC : human cervical cancer tissue, human urothelial carcinoma tissue, rat testis tissue

## Background Information

MEI1 may play a role in meiosis during spermatogenesis. It is required for normal meiotic chromosome synapsis. MEI1 may be involved in the formation of meiotic double-strand breaks (DSBs) in spermatocytes. This antibody recognizes isoform 1, 2, 3, 5, and 7 of MEI1 gene with MW 141 kDa, 67-72 kDa, 49-54 kDa and 26 kDa .

## Notable Publications

| Author        | Pubmed ID | Journal  | Application |
|---------------|-----------|----------|-------------|
| Phillip J Hsu | 28809393  | Cell Res |             |

## 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

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

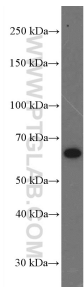
T: 4006900926

E: Proteintech-CN@ptglab.com

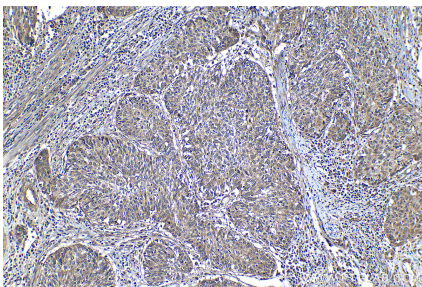
W: ptgcn.com

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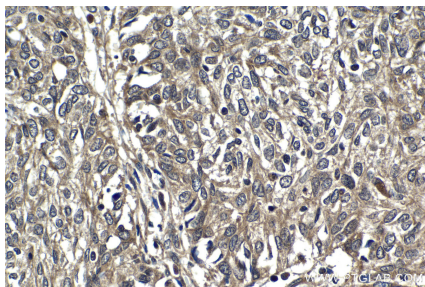
Selected Validation Data



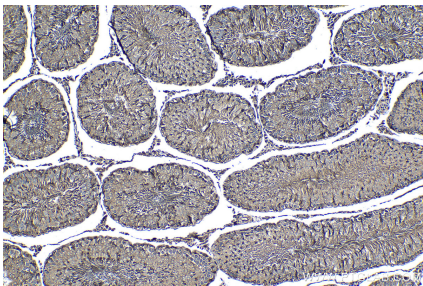
mouse brain tissue were subjected to SDS PAGE followed by western blot with 13456-1-AP (MEI1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



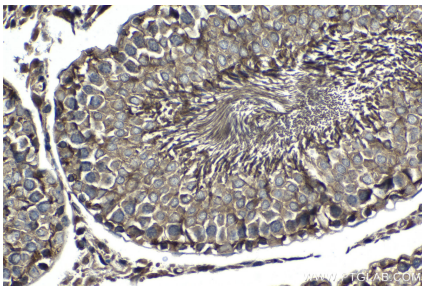
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 13456-1-AP (MEI1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 13456-1-AP (MEI1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 13456-1-AP (MEI1 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 rat testis tissue slide using 13456-1-AP (MEI1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).