

For Research Use Only

MEI1 Polyclonal antibody

Catalog Number: 13456-1-AP



Basic Information

Catalog Number:

13456-1-AP

Size:

150ul , Concentration: 750 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

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 .

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

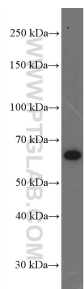
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

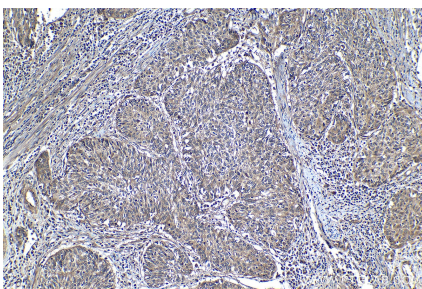
E: proteintech@ptglab.com
W: ptglab.com

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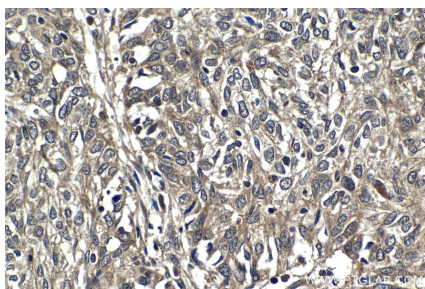
Selected Validation Data



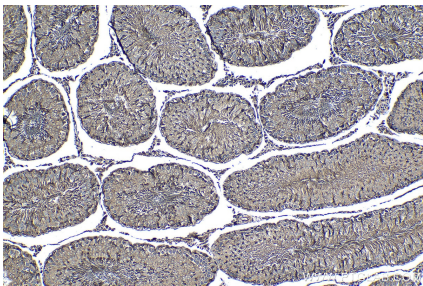
mouse brain tissue were subjected to SDS PAGE followed by western blot with 13456-1-AP (MEI1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



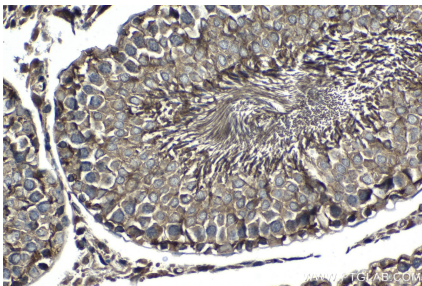
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 13456-1-AP (MEI1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).