

MEI1 Polyclonal antibody

Catalog Number: 13456-1-AP

Basic Information

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| Catalog Number: 13456-1-AP | GenBank Accession Number: BC032248 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 750 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 150365 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 |
| Source: Rabbit | Full Name: meiosis inhibitor 1 | |
| Isotype: IgG | Calculated MW: 894 aa, 99 kDa | |
| Immunogen Catalog Number: AG4253 | Observed MW: 63 kDa | |

Applications

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|---|---|
| Tested Applications: IHC, WB, ELISA | Positive Controls: |
| Species Specificity: human, mouse, rat | WB : mouse brain tissue, |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | 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

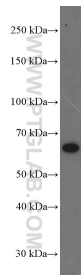
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

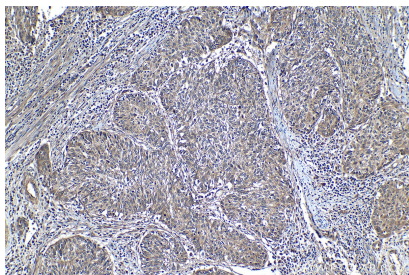
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

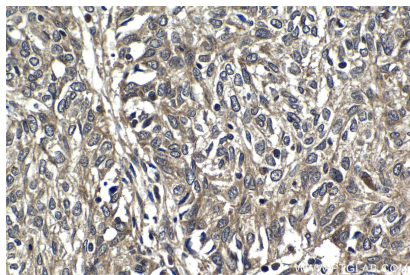
Selected Validation Data



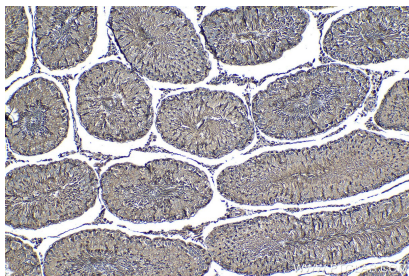
mouse brain tissue were subjected to SDS PAGE followed by western blot with 13456-1-AP (MEI1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



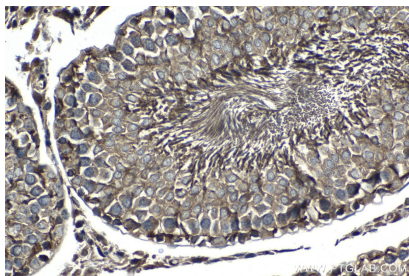
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 13456-1-AP (MEI1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).