

For Research Use Only

MEI1 Polyclonal antibody

Catalog Number: 13456-1-AP



Basic Information

Catalog Number: 13456-1-AP	GenBank Accession Number: BC032248	Purification Method: Antigen affinity purification
Size: 750 µg/ml	GeneID (NCBI): 150365	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q5TIA1	
Isotype: IgG	Full Name: meiosis inhibitor 1	
Immunogen Catalog Number: AG4253	Calculated MW: 894 aa, 99 kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications:
IHC, WB, 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

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

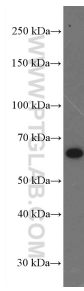
T: 4006900926

E: Proteintech-CN@ptglab.com

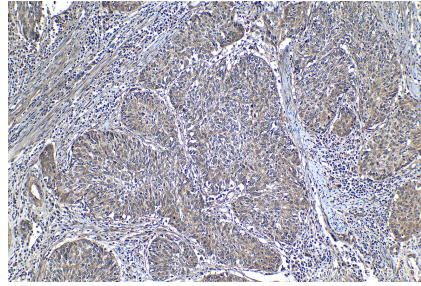
W: ptgcn.com

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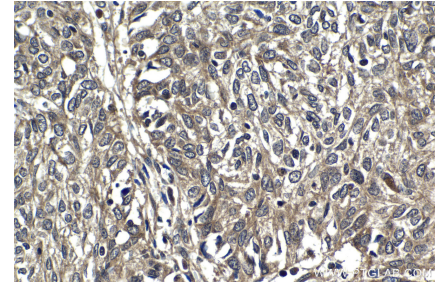
Selected Validation Data



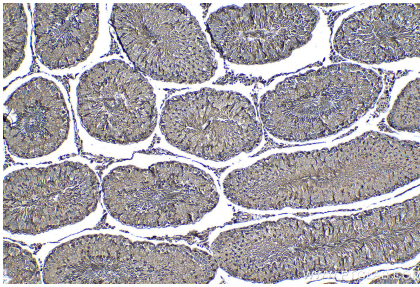
mouse brain tissue were subjected to SDS PAGE followed by western blot with 13456-1-AP (ME1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



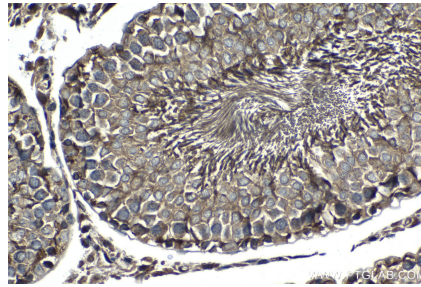
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 13456-1-AP (ME1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 13456-1-AP (ME1 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 (ME1 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 (ME1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).