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MEI-1 Rabbit pAb

Catalog # AP96811

Product Information

Application	WB, E
Primary Accession	Q5TIA1
Other Accession	Q5TIA1
Predicted	Rat, Pig, Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	141161
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MEI-1
Epitope Specificity	266-370/1274
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MEI1 is required for normal meiotic chromosome synapsis. It may be involved in the formation of meiotic double-strand breaks (DSBs) in spermatocytes. There are 7 known isoforms.

Additional Information

Gene ID	150365
Other Names	HYDM3; SPATA38; MEI1_HUMAN; MEI1; Meiosis defective protein 1; meiotic double-stranded break formation protein 1; meiosis inhibitor 1; spermatogenesis associated 38
Dilution	WB=1:500-2000,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MEI1 (HGNC:28613)
Function	Required for normal meiotic chromosome synapsis. May be involved in the formation of meiotic double-strand breaks (DSBs) in spermatocytes (By similarity).

Tissue Location	Expressed predominantly in testis. Weakly expressed in spleen and thymus. Expressed in the ovaries, Fallopian tubes and uterus (PubMed:30388401).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.