

Rabbit anti-Human MEI1 Polyclonal Antibody | anti-MEI1 antibody

MEI1 Polyclonal Antibody

CATALOG # AAA166770	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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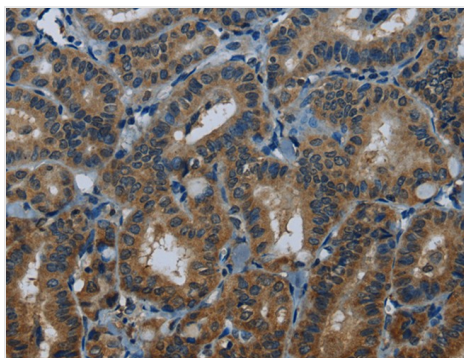
PRODUCT SYNONYMS

MEI1; Polyclonal Antibody; MEI1 Polyclonal Antibody; SPATA38; anti-MEI1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Sequence Length	1274
Applicable Applications for anti-MEI1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human MEI1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MEI1 Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-MEI1 antibody	The predominant cause of spermatogenic arrest of meiosis is the failure of homologous chromosomes to accurately synapse. MEI1 (Meiosis inhibitor protein 1), also designated Meiosis defective protein 1, is a 1274 amino acid protein that is likely required for the formation of genetically programmed double-strand breaks, the first step in the initiation of meiosis. With predominant expression in testis, it is likely that defects of the gene encoding MEI1 results in male infertility. Interestingly, studies show that genetic variation in the MEI gene possibly predisposes European Americans but not Israeli men to infertility by meiotic arrest. Human MEI1 shares 79% sequence similarity with its mouse homolog. There are seven isoforms of MEI1 that are produced as a result of alternative splicing events.
Product Categories/Family for anti-MEI1 antibody	Stem cells; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	90403581
NCBI GeneID	150365
NCBI Accession #	NP_689726.3
NCBI GenBank Nucleotide #	NM_152513.3
NCBI Official Full Name	meiosis inhibitor protein 1
NCBI Official Synonym Full Names	meiosis inhibitor 1
NCBI Official Symbol	MEI1
NCBI Official Synonym Symbols	SPATA38
NCBI Protein Information	meiosis inhibitor protein 1; MEI1; meiosis defective 1; meiosis defective protein 1; spermatogenesis associated 38
UniProt Protein Name	Meiosis inhibitor protein 1
UniProt Gene Name	MEI1
UniProt Entry Name	MEI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mei1-antibody-immunohistochemistry-elisa/166770>