

FAM9B Rabbit pAb

FAM9B Rabbit pAb
Catalog # AP56073

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8IZU0
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22438
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM9B
Epitope Specificity	31-130/186
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. There are a number of conditions related to an unusual number and combination of sex chromosomes being inherited. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than 2 copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome. The FAM9B gene product has been provisionally designated FAM9B pending further characterization.

Additional Information

Gene ID	171483
Other Names	Protein FAM9B, FAM9B (HGNC:18404)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	FAM9B (HGNC:18404)
Function	May play a role in meiosis.
Cellular Location	Nucleus. Cytoplasm Chromosome. Note=In the testis, localizes to primary spermatocyte nuclei and Sertoli cell cytoplasm (PubMed:34507348). Colocalizes with the synaptonemal complex in primary spermatocytes (PubMed:34507348). In the ovary, expressed in follicle cell nuclei and diffusely dispersed in the granular cell cytoplasm (PubMed:34507348).
Tissue Location	Expressed in testis and ovary (at protein level).

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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