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TEX12 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18566c

Product Information

Application	WB, E
Primary Accession	Q9BXU0
Other Accession	NP_112565.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30343
Calculated MW	14107
Antigen Region	34-63

Additional Information

Gene ID	56158
Other Names	Testis-expressed sequence 12 protein, TEX12
Target/Specificity	This TEX12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-63 amino acids from the Central region of human TEX12.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TEX12 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TEX12
Function	Component of the transverse central element of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase (By similarity). Requires SYCP1 in order to be incorporated into the central

	element (By similarity).
Cellular Location	Chromosome {ECO:0000250|UniProtKB:Q9CR81}. Note=In prophase I stage of meiosis, localizes in the transverse central elements of the central region between lateral elements of the synaptonemal complexes. Found only where the chromosome cores are synapsed. {ECO:0000250|UniProtKB:Q9CR81}
Tissue Location	Testis specific.

Background

This gene is similar to a mouse gene that is expressed in the testis.

References

Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Wang, P.J., et al. Nat. Genet. 27(4):422-426(2001)

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