

For Research Use Only

C22orf41 Polyclonal antibody

Catalog Number: 24867-1-AP **2 Publications**



Basic Information

Catalog Number: 24867-1-AP	GenBank Accession Number: BC127859	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 644186	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: chromosome 22 open reading frame 41	
Isotype: IgG	Calculated MW: 88 aa, 11 kDa	
Immunogen Catalog Number: AG21756		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse testis tissue, rat testis tissue, human small intestine tissue, human testis tissue
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

C22orf41 is also named as SYCE3 and THEG2. C22orf41 is major component of the transverse central element of synaptonemal complexes (SCS). It formed between homologous chromosomes during meiotic prophase. SYCE3 is a small protein of 88 amino acids that is essential for SC assembly, meiotic division, and fertility (PMID:21637789).

Notable Publications

Author	Pubmed ID	Journal	Application
Qi Wang	35697131	J Steroid Biochem Mol Biol	WB,IF
Paul S Cooke	34407397	Cell Rep	WB,IF

Storage

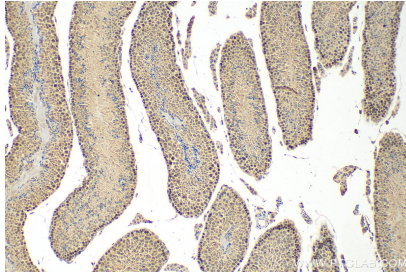
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

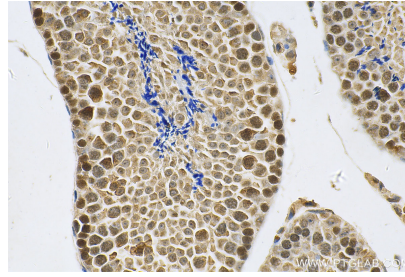
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

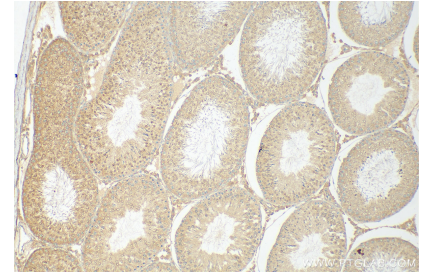
Selected Validation Data



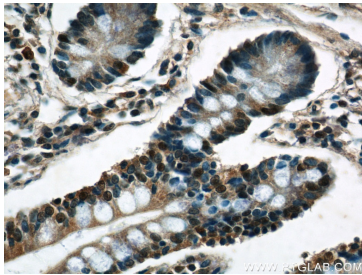
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24867-1-AP (C22orf41 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



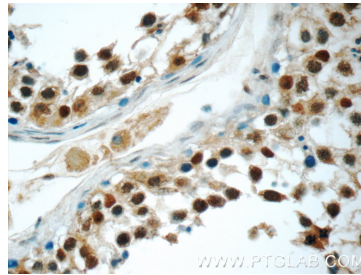
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24867-1-AP (C22orf41 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 24867-1-AP (C22orf41 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 small intestine tissue slide using 24867-1-AP (C22orf41 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24867-1-AP (C22orf41 Antibody) at dilution of 1:50 (under 40x lens).