

For Research Use Only

PCOTH Polyclonal antibody

Catalog Number: 24564-1-AP



Basic Information

Catalog Number: 24564-1-AP	GenBank Accession Number: BC142999	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 547 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 542767	Recommended Dilutions: IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: prostate collagen triple helix	
Isotype: IgG	Calculated MW: 107 aa, 11 kDa	
Immunogen Catalog Number: AG20092		

Applications

Tested Applications: IF, IHC, ELISA	Positive Controls: IHC : mouse testis tissue, human prostate cancer tissue
Species Specificity: human	IF : PC-3 cells,
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

PCOTH may be involved in growth and survival of prostate cancer cells through the TAF-Ibeta pathway.

Storage

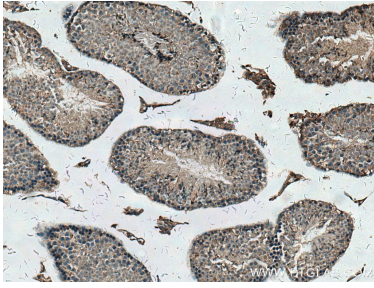
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

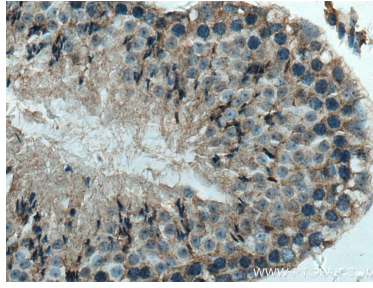
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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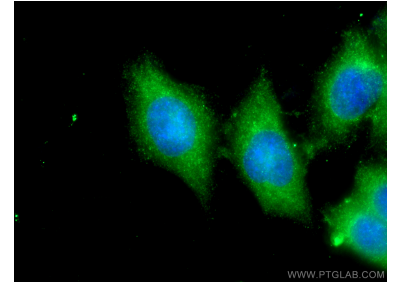
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24564-1-AP (PCOTH 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 24564-1-AP (PCOTH antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using PCOTH antibody (24564-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).