

# PCOTH Polyclonal antibody

Catalog Number: 24564-1-AP

## Basic Information

**Catalog Number:**

24564-1-AP

**Size:**

900 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG20092

**GenBank Accession Number:**

BC142999

**GeneID (NCBI):**

542767

**UNIPROT ID:**

Q58A44

**Full Name:**

prostate collagen triple helix

**Calculated MW:**

107 aa, 11 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

IHC : mouse testis tissue, human prostate cancer tissue

IF/ICC : 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:**

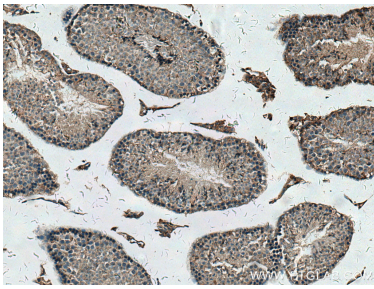
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

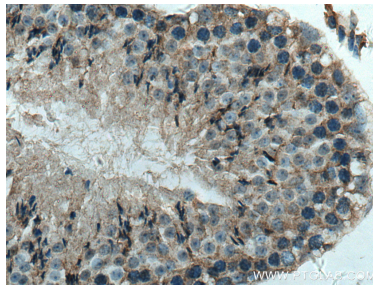
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

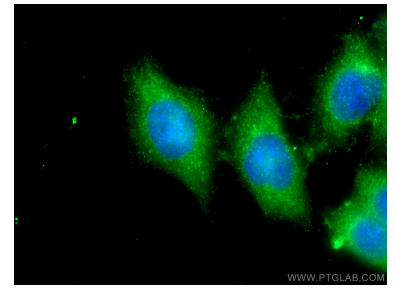
## Selected Validation Data



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).