

**PTTG2 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16911c**

**Specification**

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**PTTG2 Antibody (Center) - Product Information**

Application	IF, WB,E
Primary Accession	<a href="#">O9NZH5</a>
Other Accession	<a href="#">NP_006598.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	22302
Antigen Region	56-84

**PTTG2 Antibody (Center) - Additional Information**

**Gene ID** 10744

**Other Names**

Securin-2, Pituitary tumor-transforming gene 2 protein, PTTG2

**Target/Specificity**

This PTTG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-84 amino acids from the Central region of human PTTG2.

**Dilution**

IF~~1:10~50

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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**

PTTG2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**PTTG2 Antibody (Center) - Protein Information**

**Name** PTTG2

**Cellular Location**

Cytoplasm. Nucleus.

#### Tissue Location

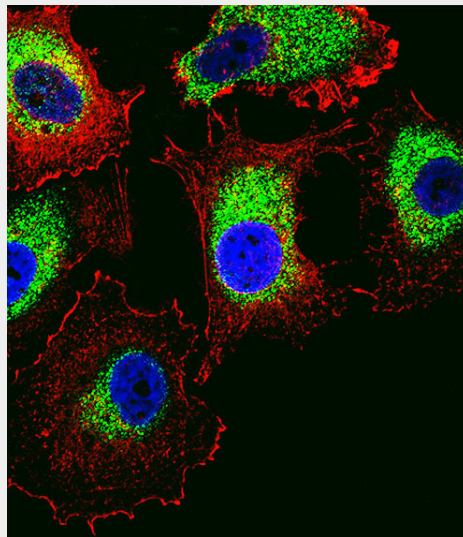
Expressed at low levels in the pituitary, liver, spleen, prostate, testis, ovary, small intestine and colon. Also expressed in various pituitary, testicular, liver and ovarian tumors

#### PTTG2 Antibody (Center) - Protocols

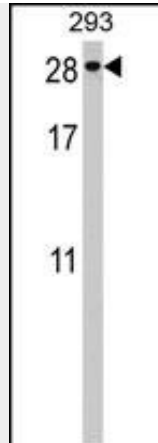
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

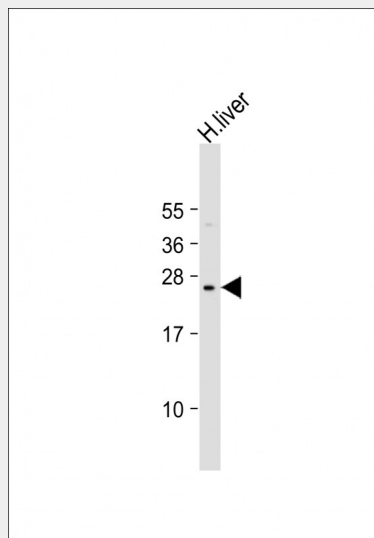
#### PTTG2 Antibody (Center) - Images



Fluorescent confocal image of MCF-7 cell stained with PTTG2 Antibody (Center)(Cat#AP16911c).MCF-7 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with PTTG2 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). PTTG2 immunoreactivity is localized to Cytoplasm significantly.



PTTG2 Antibody (Center) (Cat. #AP16911c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the PTTG2 antibody detected the PTTG2 protein (arrow).



Anti-PTTG2 Antibody (Center) at 1:2000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

#### PTTG2 Antibody (Center) - References

Chen, L., et al. Gene 248 (1-2), 41-50 (2000) :  
 Prezant, T.R., et al. J. Clin. Endocrinol. Metab. 84(3):1149-1152(1999)

#### PTTG2 Antibody (Center) - Citations

- [Pituitary tumor transforming gene PTTG2 induces psoriasis by regulating vimentin and E-cadherin expression.](#)