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PTTG2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16911C

Product Information

Application	WB, IF, E
Primary Accession	Q9NZH5
Other Accession	NP_006598.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35901
Calculated MW	22302
Antigen Region	56-84

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	WB~~1:1000 IF~~1:10~50 E~~Use at an assay dependent concentration.
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.

Protein Information

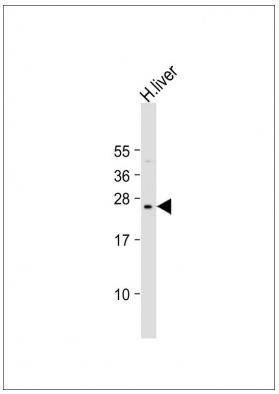
Name	PTTG2
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	Expressed at low levels in the pituitary, liver, spleen, prostate, testis, ovary, small intestine and colon. Also expressed in various pituitary, testicular, liver

and ovarian tumors

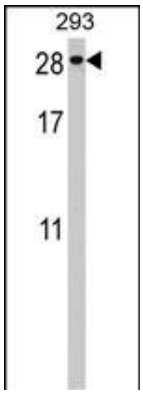
References

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)

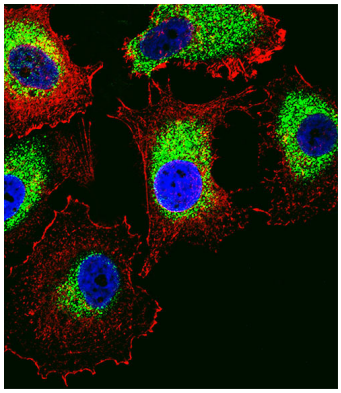
Images



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% NFDM/TBST.



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).



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.

Citations

- Pituitary tumor transforming gene PTTG2 induces psoriasis by regulating vimentin and E-cadherin expression.

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