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**Product Name: PBF Rabbit Polyclonal Antibody****Catalog #: APRab15803**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	20kDa

**Antigen Information**

<b>Gene Name</b>	PTTG1IP
<b>Alternative Names</b>	PTTG1IP; C21orf1; C21orf3; Pituitary tumor-transforming gene 1 protein-interacting protein; Pituitary tumor-transforming gene protein-binding factor; PBF; PTTG-binding factor
<b>Gene ID</b>	754.0
<b>SwissProt ID</b>	P53801
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PTTG. AA range:116-165

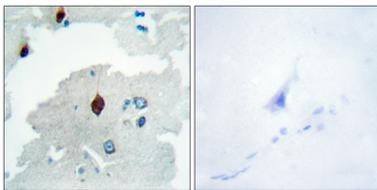
**Background**

This gene encodes a single-pass type I integral membrane protein, which binds to pituitary tumor-transforming 1 protein (PTTG1), and facilitates translocation of PTTG1 into the nucleus. Coexpression of this protein and PTTG1 induces transcriptional activation of basic fibroblast growth factor. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2013],function:May facilitate PTTG1 nuclear translocation.,induction:By transcription factor RUNX2.,subcellular location:According to PubMed:10781616 it is found in the cytoplasm and the nucleus.,subunit:Interacts with PTTG1.,tissue specificity:Ubiquitous.,

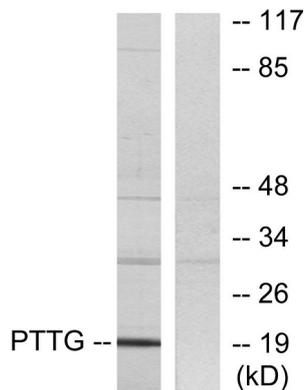
## Research Area

Cell Cycle

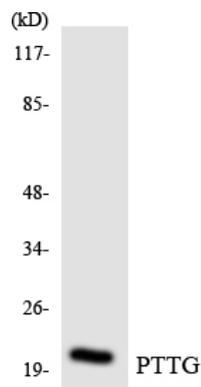
## Image Data



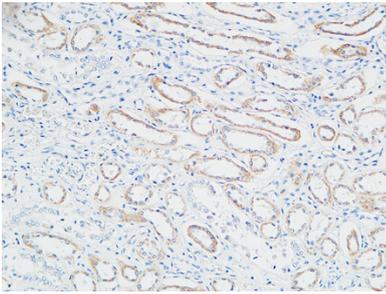
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PTTG Antibody. The picture on the right is blocked with the synthesized peptide.



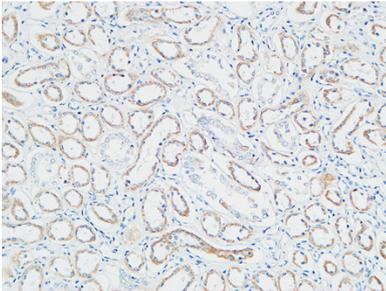
Western blot analysis of lysates from RAW264.7 cells, using PTTG Antibody. The lane on the right is blocked with the synthesized peptide.



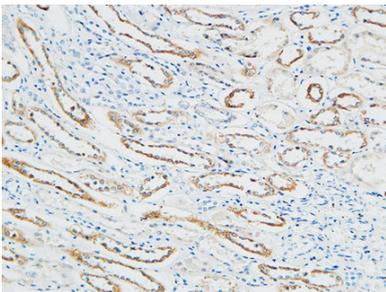
Western blot analysis of the lysates from HeLa cells using PTTG antibody.



Immunohistochemical analysis of paraffin-embedded Human Right kidney. 1, Antibody was diluted at 1:100 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



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