

Product Name: PBF Rabbit Polyclonal Antibody
Catalog #: APRab15803



Summary

Production Name	PBF Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
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Molecular Weight 20kD

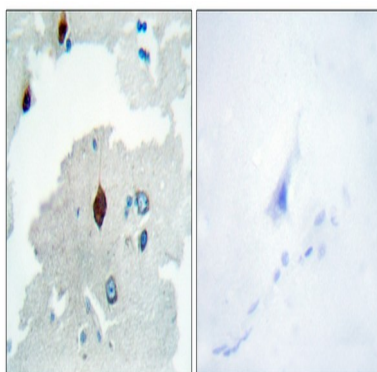
Background

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.,

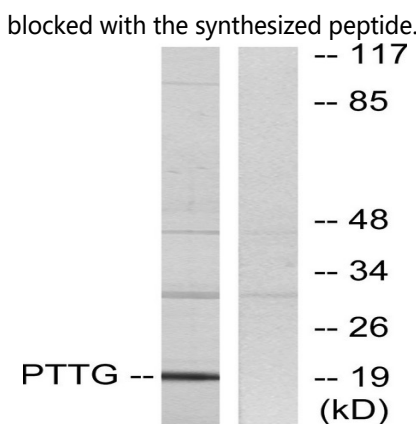
Research Area

Cell Cycle

Image Data

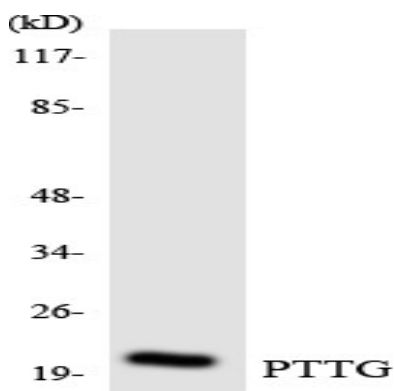


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PTTG Antibody. The picture on the right is blocked with the synthesized peptide.

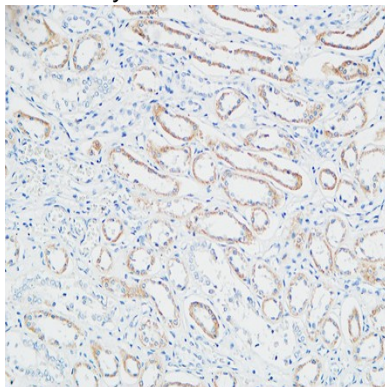


Western blot analysis of lysates from RAW264.7 cells, using PTTG Antibody. The lane on the right is blocked with the synthesized peptide.

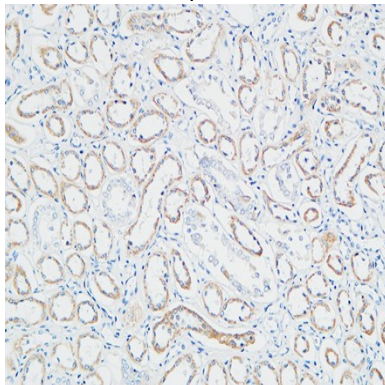
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Western blot analysis of the lysates from HeLa cells using PTTG antibody.

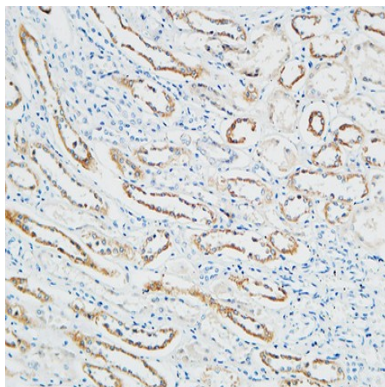


Immunohistochemical analysis of paraffin-embedded Human Right kidney. 1, Antibody was diluted at 1:100 (4°, overnight) .
2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .



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Note

For research use only.