



PBF Polyclonal Antibody

Catalog No	YP-Ab-00487
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	PTTG1IP
Protein Name	Pituitary tumor-transforming gene 1 protein-interacting protein
Immunogen	The antiserum was produced against synthesized peptide derived from human PTTG. AA range:116-165
Specificity	PBF Polyclonal Antibody detects endogenous levels of PBF protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PTTG1IP; C21orf1; C21orf3; Pituitary tumor-transforming gene 1 protein-interacting protein; Pituitary tumor-transforming gene protein-binding factor; PBF; PTTG-binding factor
Observed Band	20kD
Cell Pathway	Membrane ; Single-pass type I membrane protein . Cytoplasm . Nucleus . According to PubMed:10781616, it is found in the cytoplasm and the nucleus.
Tissue Specificity	Ubiquitous.
Function	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.,
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],

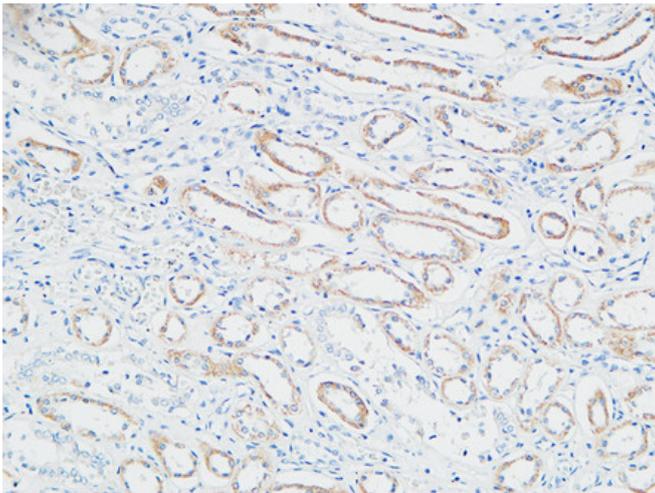
**matters needing attention**

Avoid repeated freezing and thawing!

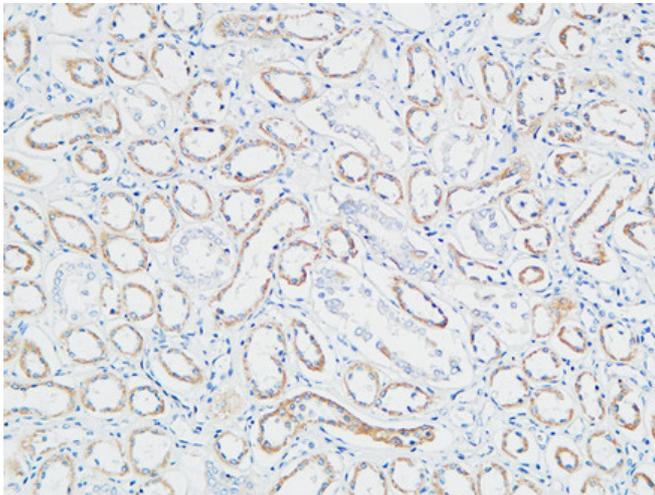
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

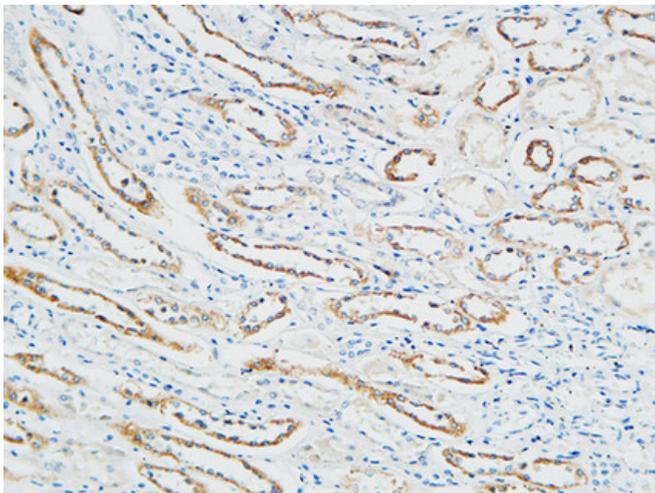
Products Images



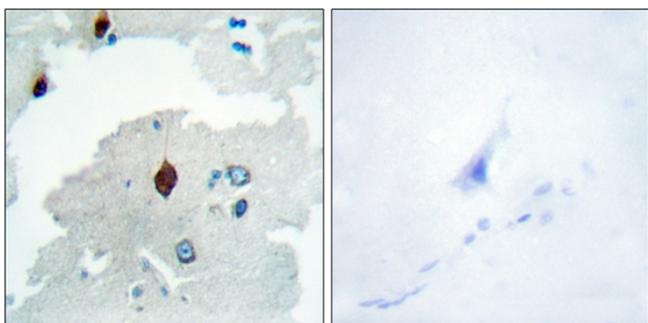
Immunohistochemical analysis of paraffin-embedded Human Right kidney. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



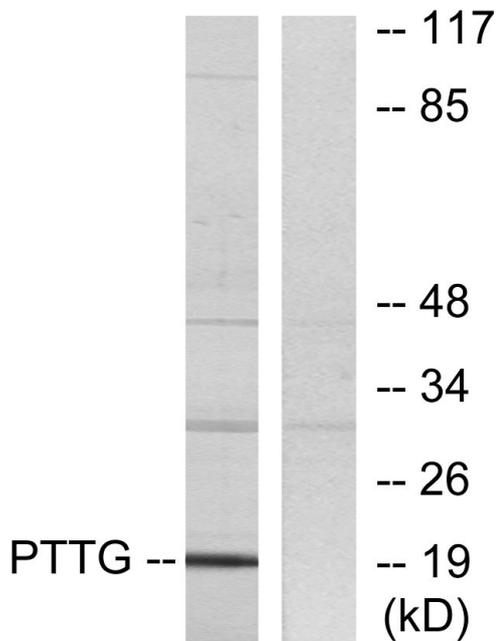
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Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PTTG Antibody. The picture on the right is blocked with the synthesized peptide.



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