

## Product datasheet for **TA392779**

### PTTG1IP Rabbit Polyclonal Antibody

#### Product data:

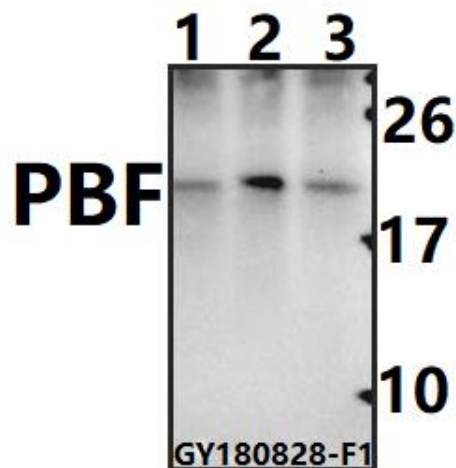
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 130-180 of Human PBF.
Specificity:	PBF (R151) polyclonal antibody detects endogenous levels of PBF protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 22 kDa
Gene Name:	pituitary tumor-transforming 1 interacting protein
Database Link:	<a href="#">Entrez Gene 754 Human P53801</a>
Background:	PBF, also known as PTTG1IP (pituitary tumor-transforming 1 interacting protein), is a 180 amino acid single-pass type I membrane protein that localizes both the cytoplasm and the nucleus and contains a coiled-coil domain. Expressed ubiquitously, PBF interacts with PTTG and is thought to facilitate the nuclear translocation of PTTG, thereby allowing the PTTG-dependent transcriptional activation of fibroblast growth factor (FGF). The gene encoding PBF maps to human chromosome 21, which houses approximately 300 genes and comprises nearly 1.5% of the human genome. Chromosome 21-associated disorders include Alzheimer's disease, amyotrophic lateral sclerosis and, most notably, Down syndrome (also known as trisomy 21).
Synonyms:	PBF; PTTG; PTTG-binding factor; PTTG1IP; Pttg1 ip; PTTG binding factor



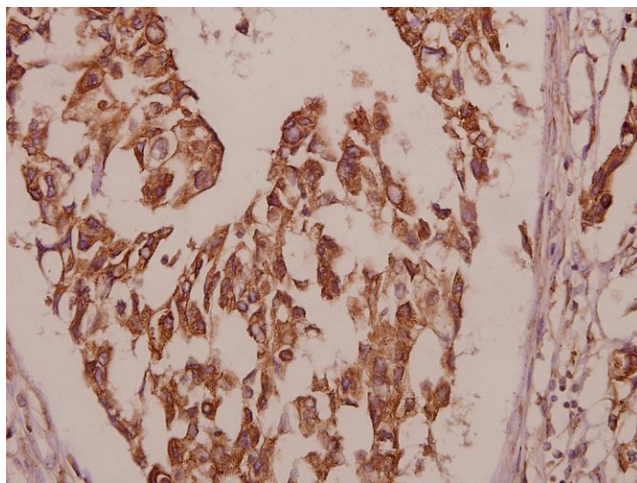
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Note: For research use only, not for use in diagnostic procedure.

### Product images:



Western blot (WB) analysis of PBF (R151) pAb at 1:500 dilution Lane1:Panc1 whole cell lysate(40ug) Lane2:SGC7901 whole cell lysate(40ug) Lane3:A375 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of PBF (R151) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.