

Anti-PTTG1IP Antibody

Catalog # AP60377

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P53801
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20324

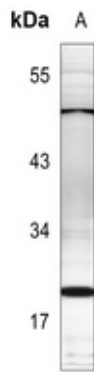
Additional Information

Gene ID	754
Other Names	C21orf1; C21orf3; Pituitary tumor-transforming gene 1 protein-interacting protein; Pituitary tumor-transforming gene protein-binding factor; PBF; PTTG-binding factor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PTTG1IP. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

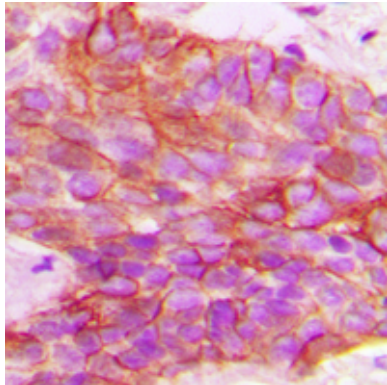
Protein Information

Name	PTTG1IP
Synonyms	C21orf1, C21orf3
Function	May facilitate PTTG1 nuclear translocation.
Cellular Location	Membrane; Single-pass type I membrane protein. Cytoplasm. Nucleus Note=According to PubMed:10781616, it is found in the cytoplasm and the nucleus
Tissue Location	Ubiquitous.

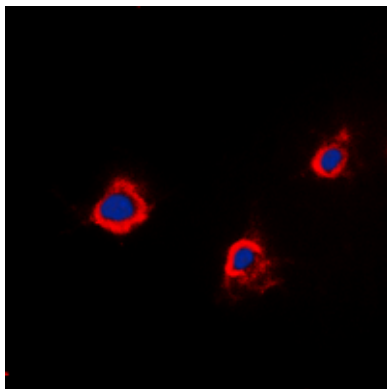
Images



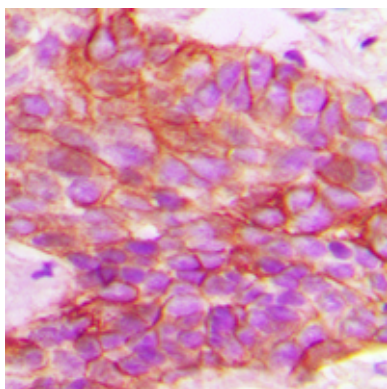
Western blot analysis of PTTG1IP expression in mouse kidney (A) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 22 kD)



Immunohistochemical analysis of PTTG1IP staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of PTTG1IP staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



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