

Rabbit anti-Human PTTG1/2/3 Polyclonal Antibody | anti-PTTG1 antibody

Anti-PTTG1/2/3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105009	Rabbit	Human	Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

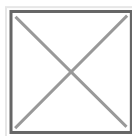
PRODUCT SYNONYMS

PTTG1/2/3; Polyclonal Antibody; Anti-PTTG1/2/3 Antibody; EAP1; PTTG; TUTR1; Securin; Esp1-associated protein; Pituitary tumor-transforming gene 1 protein; Tumor-transforming protein 1; hPTTG; anti-PTTG1 antibody

PRODUCT SPECIFICATIONS

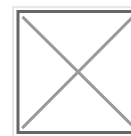
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PTTG1/2/3 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	202
Applicable Applications for anti-PTTG1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PTTG1/2/3. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



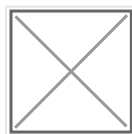
IF (Immunofluorescence)

Immunofluorescent analysis of PTTG1/2/3 staining in Jurkat 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.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PTTG1/2/3 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.



WB (Western Blot)

Western blot analysis of PTTG1/2/3 expression in HepG2 (A), Jurkat (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PTTG1 antibody	Rabbit polyclonal antibody to PTTG1/2/3
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NCBI AND UNIPROT INFORMATION

NCBI GI #	538260592
NCBI GeneID	9232
NCBI Accession #	NP_001269311.1
NCBI GenBank Nucleotide #	NM_001282382.1
UniProt Accession #	O95997
Molecular Weight	22,024 Da
NCBI Official Full Name	securin
NCBI Official Synonym Full Names	pituitary tumor-transforming 1
NCBI Official Symbol	PTTG1
NCBI Official Synonym Symbols	EAP1; PTTG; HPTTG; TUTR1
NCBI Protein Information	securin; ESP1-associated protein 1; tumor-transforming protein 1; pituitary tumor-transforming gene 1 protein
UniProt Protein Name	Securin
UniProt Gene Name	PTTG1
UniProt Synonym Gene Names	EAP1; PTTG; TUTR1; Tumor-transforming protein 1; hPTTG
UniProt Entry Name	PTTG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pttg1-2-3-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105009>