

PTTG1/2/3 (L149) polyclonal antibody

Catalog: BS1909

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

PTTG contains a basic amino-terminal domain and an acidic carboxy-terminal domain, which acts as a transactivation domain when fused to a heterologous DNA binding domain. Human PTTG is overexpressed in Jurkat and is also detected in human thymus, testis and placenta. PTTG is mainly expressed in the cytoplasm and is also partially localized to the nucleus. Vertebrate PTTG regulates the separin Esp1, which promotes chromatid separation, to overcome the cohesive forces that hold sister chromatids together. This regulatory function of PTTG suggests that defective regulation of cohesion may contribute to cancer by promoting chromosome instability. Although vertebrate PTTG shares cell-cycle functions with its yeast securin counterparts Pds1p and Cut2, none share sequence homology.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 30 kDa

Swiss-Prot:

O95997/Q9NZH5/Q9NZH4

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

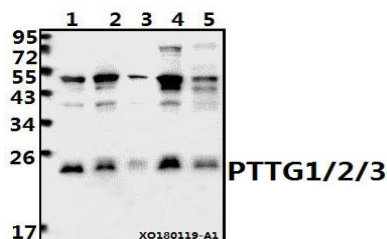
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PTTG1/2/3 (L149)pAb detects endogenous levels of PTTG1/2/3 protein.

DATA:



Western blot (WB) analysis of PTTG1/2/3 (L149) pAb at 1:500 dilution

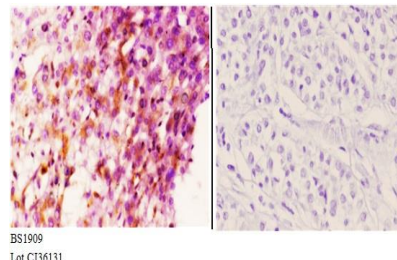
Lane1:A549 whole cell lysate(40ug)

Lane2:H1792 whole cell lysate(40ug)

Lane3:A375 whole cell lysate(20ug)

Lane4:AML-12 whole cell lysate(40ug)

Lane5:3T3-L1 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of PTTG1/2/3 (L149) pAb in paraffin-embedded human liver carcinoma tissue at 1:50, showing Cytoplasm and Nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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

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