PTTG1 Polyclonal Antibody

Catalog No. E-AB-12630

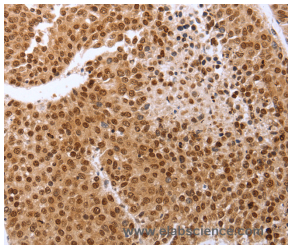
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

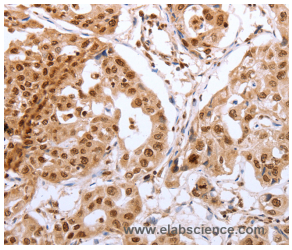
Reactivity	Human
Immunogen	Synthetic peptide of human PTTG1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
IHC	1:100-1:300

Data



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using PTTG1 Polyclonal Antibody at dilution 1:60



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PTTG1 Polyclonal Antibody at dilution 1:60

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

The encoded protein is a homolog of yeast securin proteins, which prevent separins from promoting sister chromatid separation. It is an anaphase-promoting complex (APC) substrate that associates with a separin until activation of the APC. The gene product has transforming activity in vitro and tumorigenic activity in vivo, and the gene is highly expressed in various tumors. The gene product contains 2 PXXP motifs, which are required for its transforming and tumorigenic activities, as well as for its stimulation of basic fibroblast growth factor expression. It also contains a destruction box (D box) that is required for its degradation by the APC. The acidic C-terminal region of the encoded protein can act as a transactivation domain. The gene product is mainly a cytosolic protein, although it partially localizes in the nucleus.

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