

Datasheet for ABIN6146486
anti-PTTG1 antibody (AA 1-202)

4 Images

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Overview

Quantity:	100 µL
Target:	PTTG1
Binding Specificity:	AA 1-202
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTTG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-202 of human PTTG1 (NP_001269311.1).
Sequence:	MATLIYVDKE NGEPGTRVVA KDGLKLGSGP SIKALDGRSQ VSTPRFGKTF DAPPALPKAT RKALGTVNRA TEKSVKTKGP LKQKQPSFSA KKMTEKTVKA KSSVPASDDA YPEIEKFFPF NPLDFESFDL PEEHQIAHLP LSGVPLMILD EERELEKLFQ LGPPSPVKMP SPPWESNLLQ SPSSILSTLD VELPPVCCDI DI
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

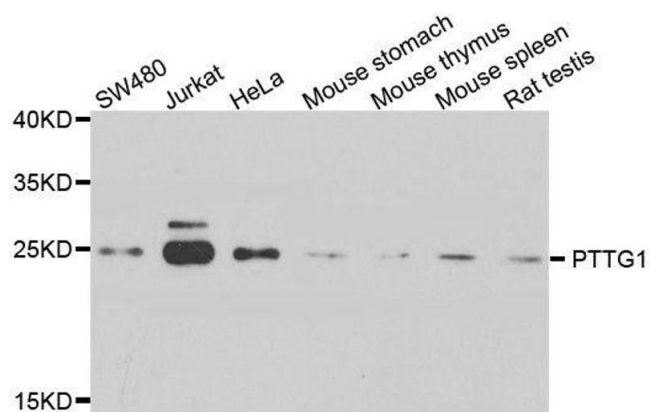
Target:	PTTG1
Alternative Name:	PTTG1 (PTTG1 Products)
Background:	<p>The encoded protein is a homolog of yeast securin proteins, which prevent separins from promoting sister chromatid separation. It is an anaphase-promoting complex (APC) substrate that associates with a separin until activation of the 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. Three transcript variants encoding the same protein have been found for this gene.,PTTG1,EAP1,HPTTG,PTTG,TUTR1,securin,Epigenetics & Nuclear Signaling,Cancer,Cell Biology & Developmental Biology,Cell Cycle,PTTG1</p>
Molecular Weight:	22 kDa
Gene ID:	9232
UniProt:	O95997

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

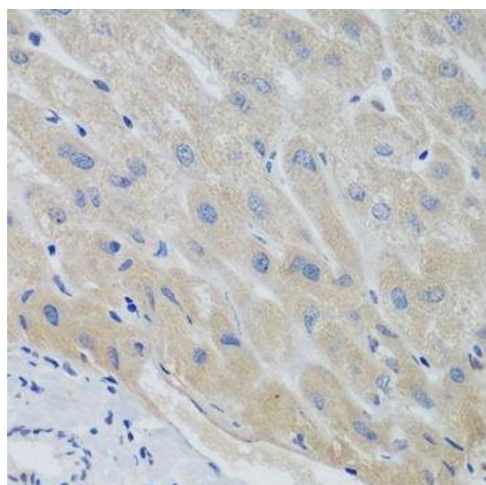
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



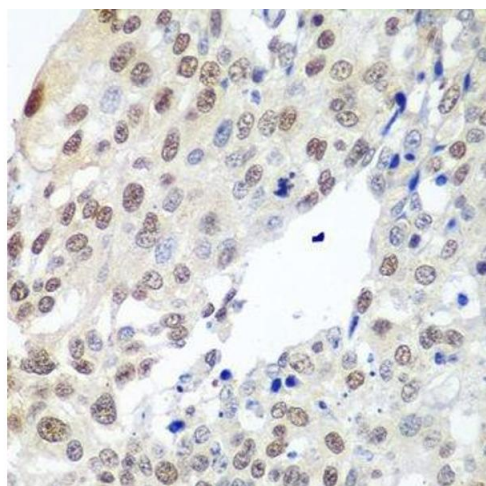
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PTTG1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human liver using PTTG1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human lung cancer using PTTG1 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6146486.