

## Datasheet

### PTTG1 purified MaxPab mouse polyclonal antibody (B02P)

**Catalog Number:** H00009232-B02P

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length human PTTG1 protein.

**Immunogen:** PTTG1 (NP\_004210.1, 1 a.a. ~ 202 a.a) full-length human protein.

**Sequence:**

MATLIYVDKENGEPGTRVVAKDGLKLGSGPSIKALDGR  
SQVSTPRFGKTFDAPPALPKATRKALGTVNRATEKSV  
KTKGPLKQKQPSFSAKKMTEKTVKAKSSVPASDDAYP  
EIEKFFPFNPLDFESFDLP EEHQIAHLPLSGVPLMILDE  
ERELEKLFQLGPPSPVKMPSPPWESNLLQSPSSILSTL  
DVELPPVCCDIDI

**Host:** Mouse

**Reactivity:** Human

**Applications:** Det Ab, IF, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 9232

**Gene Symbol:** PTTG1

**Gene Alias:** EAP1, HPTTG, MGC126883, MGC138276, PTTG, TUTR1

**Gene Summary:** 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. [provided by RefSeq]