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Datasheet

PTTG1 MaxPab mouse polyclonal antibody (B02)

Catalog Number: H00009232-B02

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
EIEKFFPFNPLDFESFDLPEEHQIAHLPLSGVPLMILDE
ERELEKLFQLGPPSPVKMPSPPWESNLLQSPSSILSTL
DVELPPVCCDIDI

Host: Mouse

Reactivity: Human

Applications: Det Ab, IF
(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: No additive

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]