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Datasheet

PTPN18 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00026469-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human PTPN18 protein.

Immunogen: PTPN18 (AAH52800.1, 1 a.a. ~ 351 a.a) full-length human protein.

Sequence:
MSRSLDSARSFLERLEARGGREGAVLAGEFSKRCER
YWAQEQEPLQTGLFCITLIKEKWLNEDIMLRTLKVTFQ
KESRSVYQLQYMSWPDRGVPSSPDHMLAMVEEARRL
QGSGPEPLCVHCSAGCGRTGVLCTVDYVRQLLLTQMI
PPDFSLFDVVLKMRKQRPAAVQTEEQYRFLYHTVAQM
FCSTLQNASPHYQNIKENCAPLYDDALFLRTPQALLAIP
RPPGGVLRSISVPGSPGHAMADTYAVVQKRGAPAGA
GSGTQTGTGTGARSAEEAPLYSKVTPRAQRPGAHAE
DARGTLPGRVPADQSPAGSGAYEDVAGGAQTGGLGF
NLRIGRPKGPRDPPAEWTRV

Host: Mouse

Reactivity: Human

Applications: 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: 26469

Gene Symbol: PTPN18

Gene Alias: BDP1, PTP-HSCF

Gene Summary: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, the mitotic cycle, and oncogenic transformation. This PTP contains a PEST motif, which often serves as a protein-protein interaction domain, and may be related to protein intracellular half-live. This protein can differentially dephosphorylate autophosphorylated tyrosine kinases that are overexpressed in tumor tissues, and it appears to regulate HER2, a member of the epidermal growth factor receptor family of receptor tyrosine kinases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]