

PTPN18

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 50kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human PTPN18

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BDP1; PTP-HSCF;

Catalog #: A8487

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 26469

Isotype: IgG

Swiss Prot: Q99952

Purity: Affinity purification

For research use only.

Background:

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-life. 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.

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