Human PTPN13/PTPL1 Alexa Fluor® 700-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3577N
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects endogenous human PTPN13/PTPL1 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human PTPN13/PTPL1 Met1-Arg500 Accession # Q12923
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Protein Tyrosine Phosphatase, Non-receptor Type 13, also called PTPN13, PTPL1, FAP-1, hPTP1E and PTP-BAS, is a 260 kDa intracellular protein that removes phosphates from tyrosine residues. Genetic aberrations in PTPN13 have been reported in a wide variety of cancers, including, bone, colon, hepatocellular, and germ cell line. Elevated levels of PTPN13 in cancer cell lines have also been correlated with resistance to Fas-induced apoptosis, possibly due to prevention of CD95 reaching the cell surface.

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Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475