Product Datasheet

PTPN3 (C) Antibody, Rabbit Polyclonal (orb131867)

Description	Rabbit polyclonal to PTPN3. Tyrosine-protein phosphatase non-receptor type 3 (PTPN3) 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, mitotic cycle, and oncogenic transformation. PTPN3 contains a C-terminal PTP domain and an N-terminal domain homologous to the band 4.1 superfamily of cytoskeletal-associated proteins. P97, a cell cycle regulator involved in a variety of membrane related functions, has been shown to be a substrate of PTPN3. PTPN3 was also found to interact with, and be regulated by adaptor protein 14-3-3 beta. Several alternatively spliced transcript variants encoding different isoforms have been found for PTPN3.
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	WB
Immunogen	C-terminal region of human PTPN3
Preservatives	0.01% NaN3
Concentration	100 µg/ml BSA
Storage	-20°C
Note	For research use only
Application notes	strong>WB: The apparent protein size on WB may be different from the calculated M.W. due to modifications. br> strong>Experiment Notes: Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human PTPN3.

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Clonality	Polyclonal
Purity	Affinity purification
MW	104
Uniprot ID	**P26045**
Dilution Range	WB:1:1000-1:3000
Expiration Date	12 months from date of receipt.

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