

ARG57283
anti-PTPN3 / PTPH1 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PTPN3 / PTPH1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PTPN3 / PTPH1
Species	Human
Immunogen	Recombinant protein of Human PTPN3 / PTPH1.
Conjugation	Un-conjugated
Alternate Names	PTPH1; EC 3.1.3.48; Protein-tyrosine phosphatase H1; Tyrosine-protein phosphatase non-receptor type 3; PTP-H1

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	BT474	

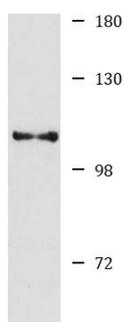
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PTPN3
Gene Full Name	protein tyrosine phosphatase, non-receptor type 3
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, mitotic cycle, and oncogenic transformation. This protein 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 this PTP. This PTP 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 this gene. [provided by RefSeq, Feb 2009]
Function	May act at junctions between the membrane and the cytoskeleton. Possesses tyrosine phosphatase activity. [UniProt]
Calculated Mw	104 kDa

Images



BT474

ARG57283 anti-PTPN3 / PTPH1 antibody WB image

Western blot: BT474 cell lysate stained with ARG57283 anti-PTPN3 / PTPH1 antibody.