

ARG57283 anti-PTPN3 / PTPH1 antibody

Package: 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 | <table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table> | Application | Dilution | WB | 1:500 - 1:2000 |
|-------------------|--|-------------|----------|----|----------------|
| 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 | | | | |

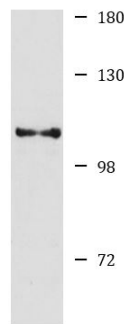
Properties

| | |
|---------------------|---|
| 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.