## PRODUCT SPECIFICATION

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| Product Name | Anti-PTPN1 |
| Product Number | HPA012542 |
| Gene Description | protein tyrosine phosphatase, non-receptor type 1 |
| Clonality | Polyclonal |
| Isotype | IgG |
| Host | Rabbit |
| Antigen Sequence | Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:<br>RFSYLAVIEGAKFIMGDSSVQDQWKELSHEDLEPPPEHIPPPPRPPKRIL<br>EPHNGKCREFFPNHQWVKEETQEDKDCPIKEEKGSPLNAAPYGIESMSQD<br>TEVRSRVVGGSLRGAQAASPAKGEPSLPEKDEDHALSYW |
| Purification Method | Affinity purified using the PrEST antigen as affinity ligand |
| Verified Species Reactivity | Human |
| Recommended Applications | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:200 - 1:500<br>- Retrieval method: HIER pH6<br>WB (Western Blot)<br>- Working concentration: 0.04-0.4 µg/ml<br>ICC-IF (Immunofluorescence)<br>- Fixation/Permeabilization: PFA/Triton X-100<br>- Working concentration: 0.25-2 µg/ml |
| Characterization Data | Available at atlasantibodies.com/products/HPA012542 |
| Buffer | 40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative. |
| Concentration | Lot dependent |
| Storage | Store at +4°C for short term storage. Long time storage is recommended at -20°C. |
| Notes | Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.<br>For protocols, additional product information, such as images and references, see atlasantibodies.com. |

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