

Datasheet for ABIN1391825

anti-PTPRN antibody (AA 501-600) (AbBy Fluor® 555)



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Overview

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| Quantity: | 100 µL |
| Target: | PTPRN |
| Binding Specificity: | AA 501-600 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PTPRN antibody is conjugated to AbBy Fluor® 555 |
| Application: | Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human TPIA2 |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Cow,Sheep,Pig |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | PTPRN |
| Alternative Name: | TPIA2/PTPRN (PTPRN Products) |

Target Details

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| Background: | <p>Synonyms: RPTPN, CA 512, IA 2, IA 2/PTP, IA2, IA2/PTP, ICA 3, ICA 512, ICA3, ICA512, Islet cell antigen 2, Islet cell antigen 512, Islet cell autoantigen 3, Protein tyrosine phosphatase like N, Protein tyrosine phosphatase like N precursor, Protein tyrosine phosphatase receptor type N, PTP IA 2, PTP IA-2, PTP IA2, PTPIA 2, PTPN, Ptpn, PTPRN protein, PTPRN_HUMAN, R PTP N, R-PTP-N, Receptor type tyrosine protein phosphatase like N, Receptor-type tyrosine-protein phosphatase-like N.</p> <p>Background: Implicated in neuroendocrine secretory processes. May be involved in processes specific for neurosecretory granules, such as their biogenesis, trafficking or regulated exocytosis or may have a general role in neuroendocrine functions. Seems to lack intrinsic enzyme activity. May play a role in the regulation of secretory granules via its interaction with SNTB2.</p> |
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Application Details

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| Application Notes: | FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |