

Datasheet for ABIN714350  
**anti-PTPN13 antibody (AA 801-900) (HRP)**



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## Overview

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                 |
| Target:              | PTPN13                                                                                                                 |
| Binding Specificity: | AA 801-900                                                                                                             |
| Reactivity:          | Human                                                                                                                  |
| Host:                | Rabbit                                                                                                                 |
| Clonality:           | Polyclonal                                                                                                             |
| Conjugate:           | This PTPN13 antibody is conjugated to HRP                                                                              |
| Application:         | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human FAP1/PTPN13 |
| Isotype:              | IgG                                                             |
| Cross-Reactivity:     | Human                                                           |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit                      |
| Purification:         | Purified by Protein A.                                          |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | PTPN13                                   |
| Alternative Name: | FAP1 ( <a href="#">PTPN13 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: PNP1, FAP-1, PTP1E, PTPL1, PTPLE, PTP-BL, hPTP1E, PTP-BAS, Tyrosine-protein phosphatase non-receptor type 13, Fas-associated protein-tyrosine phosphatase 1, Protein-tyrosine phosphatase 1E, PTP-E1, hPTPE1, Protein-tyrosine phosphatase PTPL1, PTPN13<br>Background: Tyrosine phosphatase which regulates negatively FAS-induced apoptosis and NGFR-mediated pro-apoptotic signaling (PubMed:15611135). May regulate phosphoinositide 3-kinase (PI3K) signaling through dephosphorylation of PIK3R2 (PubMed:23604317). |
| Gene ID:    | 5783                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UniProt:    | <a href="#">Q12923</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Application Details

|                    |                                    |
|--------------------|------------------------------------|
| Application Notes: | IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only              |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| 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. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |