

Datasheet for ABIN7444967
anti-PTPN13 antibody (AA 1-161)

2 Images

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Overview

Quantity:	100 µL
Target:	PTPN13
Binding Specificity:	AA 1-161
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN13 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 13 (PTPN13)
Immunogen:	Recombinant Protein Tyrosine Phosphatase, Non Receptor Type 13 (PTPN13) corresponding to Met1~Asn161
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PTPN13. It has been selected for its ability to recognize PTPN13 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

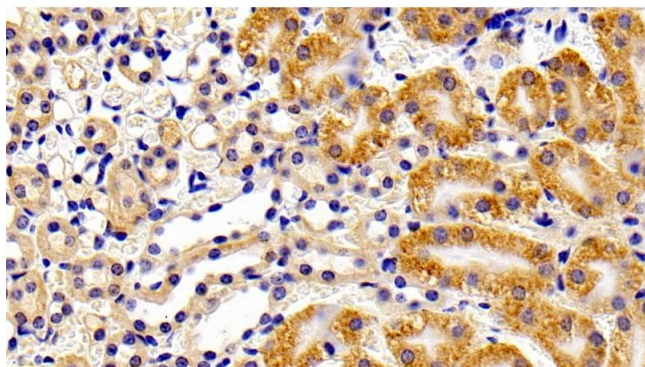
Target:	PTPN13
Alternative Name:	Protein Tyrosine Phosphatase, Non Receptor Type 13 (PTPN13 Products)
Background:	FAP1, PNP1, PTP-BAS, PTP-BL, PTPL1, PTPLE, APO-1/CD95(Fas)-Associated Phosphatase, Fas-associated protein-tyrosine phosphatase 1, Protein-tyrosine phosphatase 1E

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:450-1800 Immunohistochemistry: 5-20 µg/mL 1:45-180 Immunocytochemistry: 5-20 µg/mL 1:45-180 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

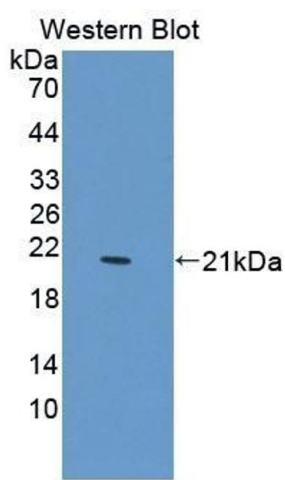
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of PTPN13 in Mouse Kidney Tissue using Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 13 (PTPN13)



Western Blotting

Image 2. Detection of Recombinant PTPN13, Mouse using Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 13 (PTPN13)