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Datasheet for ABIN7444976

anti-PTPN22 antibody (AA 1-233)

3 Images

Overview

Quantity:	100 µL
Target:	PTPN22
Binding Specificity:	AA 1-233
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN22 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 22 (PTPN22)
Immunogen:	Recombinant Protein Tyrosine Phosphatase, Non Receptor Type 22 (PTPN22) corresponding to Met1~Arg233 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PTPN22. It has been selected for its ability to recognize PTPN22 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

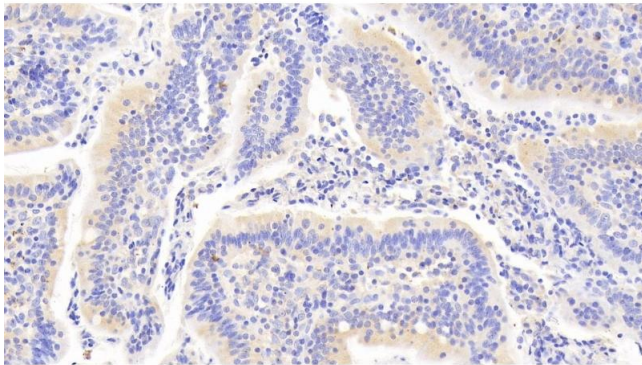
Target:	PTPN22
Alternative Name:	Protein Tyrosine Phosphatase, Non Receptor Type 22 (PTPN22 Products)
Background:	LYP, PEP, Lyp1, Lyp2, PTPN8, Lymphoid phosphatase, Hematopoietic cell protein-tyrosine phosphatase 70Z-PEP, PEST-domain phosphatase

Application Details

Application Notes:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL 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

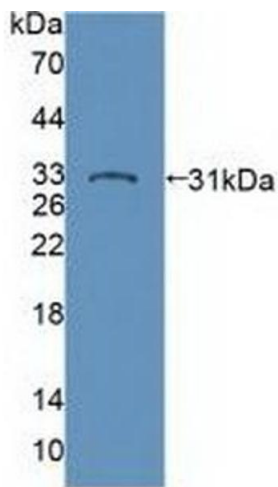
Handling

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



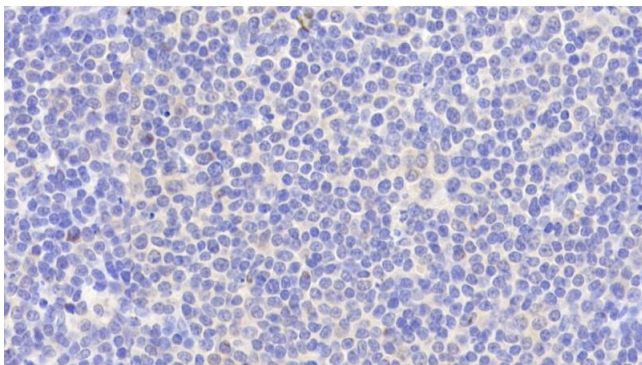
Immunohistochemistry

Image 1. Detection of PTPN22 in Human Small intestine Tissue using Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 22 (PTPN22)



Western Blotting

Image 2. Detection of Recombinant PTPN22, Human using Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 22 (PTPN22)



Immunohistochemistry

Image 3. Detection of PTPN22 in Human Lymph node Tissue using Polyclonal Antibody to Protein Tyrosine Phosphatase, Non Receptor Type 22 (PTPN22)