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Datasheet for ABIN7130772
anti-PTPN22 antibody

2 Images

Overview

Quantity:	100 µL
Target:	PTPN22
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN22 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human PTPN22
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	PTPN22
Alternative Name:	PTPN22 (PTPN22 Products)
Background:	Background: This gene encodes of member of the non-receptor class 4 subfamily of the protein-tyrosine phosphatase family. The encoded protein is a lymphoid-specific intracellular phosphatase that associates with the molecular adapter protein CBL and may be involved in regulating CBL function in the T-cell receptor signaling pathway. Mutations in this gene may be

Target Details

associated with a range of autoimmune disorders including Type 1 Diabetes, rheumatoid arthritis, systemic lupus erythematosus and Graves' disease. Alternatively spliced transcript variants encoding distinct isoforms have been described.

Aliases: Hematopoietic cell protein tyrosine phosphatase 70Z PEP antibody, Hematopoietic cell protein-tyrosine phosphatase 70Z-PEP antibody, Lymphoid phosphatase antibody, Lymphoid specific protein tyrosine phosphatase antibody, lymphoid-specific, inducible human protein tyrosine phosphatase antibody, Lyp 1 antibody, Lyp 2 antibody, LyP antibody, Lyp1 antibody, Lyp2 antibody, LyPTP antibody, OTTHUMP00000013720 antibody, OTTHUMP00000013721 antibody, OTTHUMP00000233450 antibody, OTTHUMP00000233451 antibody, PEP antibody, PEST-domain phosphatase antibody, Protein tyrosine phosphatase non receptor type 22 (lymphoid) antibody, Protein tyrosine phosphatase non receptor type 22 antibody, Protein tyrosine phosphatase non receptor type 8 antibody, Protein tyrosine phosphatase non receptor type 8, formerly antibody, PTN22_HUMAN antibody, PTPN 22 antibody, PTPN 8 antibody, Ptpn22 antibody, PTPN8 antibody, PTPN8, formerly antibody, Tyrosine-protein phosphatase non-receptor type 22 antibody

UniProt: [Q9Y2R2](#)

Application Details

Application Notes: ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:25-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

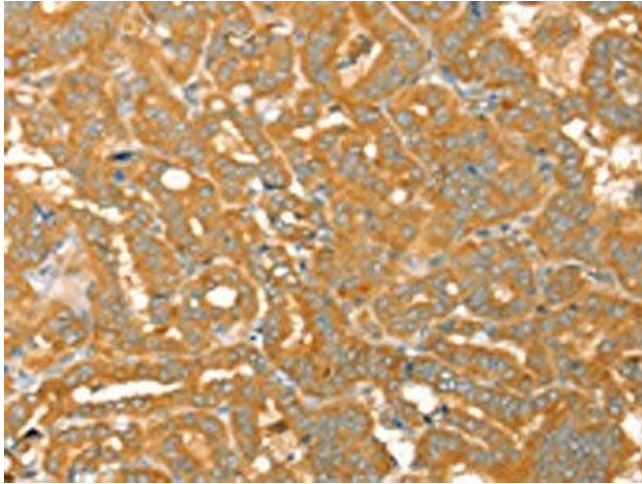
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

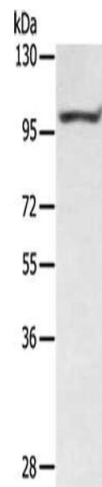
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7130772(PTPN22 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



Western Blotting

Image 2. Gel: 6 % SDS-PAGE, Lysate: 40 µg, Lane: Mouse muscle tissue, Primary antibody: ABIN7130772(PTPN22 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 minutes