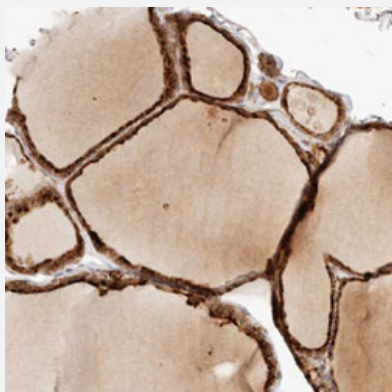


PTPN22 polyclonal antibody

Catalog # PAB30385 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human thyroid with PTPN22 polyclonal antibody (Cat # PAB30385) shows strong cytoplasmic positivity in glandular cells at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PTPN22.
Immunogen	Recombinant protein corresponding to human PTPN22.
Sequence	SEISAKEELVLHPAKSSTSFDLELNYSFDKNADTTMKWQTKAFPVIGEPLQKHQSLDLGSLLFE GCSNSKPVNAAGRYFNSKVPITRTKS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — PTPN22

Entrez GeneID[26191](#)**Protein Accession#**[Q9Y2R2](#)**Gene Name**

PTPN22

Gene Alias

LYP, Lyp1, Lyp2, PEP, PTPN8

Gene Description

protein tyrosine phosphatase, non-receptor type 22 (lymphoid)

Omim ID[152700](#) [180300](#) [222100](#) [600716](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 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. [provided by RefSeq]

Other Designations

OTTHUMP00000013720|lymphoid-specific protein tyrosine phosphatase|protein tyrosine phosphatase, non-receptor type 8

Disease

- [Acute Disease](#)
- [Addison Disease](#)

- [Alopecia Areata](#)
- [Anemia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Autoimmune polyglandular syndrome](#)
- [Bacterial Infections](#)
- [Behcet Syndrome](#)
- [Bipolar Disorder](#)
- [Brucellosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chagas Cardiomyopathy](#)
- [Cholangitis](#)
- [Chromosome Aberrations](#)
- [Colitis](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Eczema](#)
- [Edema](#)

- [Endometriosis](#)
- [Esophageal Achalasia](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Hashimoto Disease](#)
- [Hemophilia A](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Hypoparathyroidism](#)
- [IgA Deficiency](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Leprosy](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Macular Degeneration](#)
- [Melanoma](#)
- [Meniere Disease](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Myasthenia Gravis](#)

- [Myositis](#)
- [Nephritis](#)
- [Osteoarthritis](#)
- [Postoperative Complications](#)
- [Prediabetic State](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Purpura](#)
- [Retinal Vasculitis](#)
- [Rheumatic Diseases](#)
- [Scleroderma](#)
- [Skin Diseases](#)
- [Takayasu Arteritis](#)
- [Taste](#)
- [Temporal Arteritis](#)
- [Thymoma](#)
- [Thymus Neoplasms](#)
- [Thyroid Diseases](#)
- [Thyroiditis](#)
- [Tuberculosis](#)
- [Turner Syndrome](#)
- [Uveitis](#)
- [Uveomeningoencephalitic Syndrome](#)

- [Vitiligo](#)
- [Wegener Granulomatosis](#)