

DNAxPAb

Hard-to-Find
Antibody

PTPN22 DNAxPab

Catalog # H00026191-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PTPN22 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MDQREILQKFLDEAQSCKITKEEFANFLKLRQSTKYKADKTYPTTVAEKPKNIKKNRYKDILPYD
YSRVELSLITSEDEDSSYNANFIKGVYGPAYATQGPLSTLLDFWRMIWEYSVLIVMACMEYEMG
KKKCERYWAEPGEMQLEFGPFSVSCEAEKRKSDYIIRTLKVKFNSETRTYQFHYKNWPDHVP
SIDPILELWDVRCYQEDDSVPICIHCSAGCGRTGVICAIDYTWMLLKDGSAKHCIPKHNHTLQAD
SYSPNLPKSTTKAAKMMNQRTKMEIKESSSDFRTSEISAKEELVLHPAKSSSTSFDFLELNYSFD
KNADTTMKWQTKAFPIVGEPLQKHQSLDLGSLLFEGCSNSKPVNAAGRYFNSKVPITRTKSTPFE
LIQRETKEVDSKENFSYLESQPHDSCFVEMQAQKVMHVSSAELNYSLPYDSKHQIRNASNVKH
HDSSALGVYSIPLVENPYFSSWPPSGTSSKMSLDLPEKQDGTVPSSLLPTSSTSLFSYNSHD
SLSLNSPTNISSLLNQESAVLATAPRIDDEIPPLPVRTPEFIVVEEAGEFSPNVPKSLSSAVKVKI
GTSLEWGGTSEPCKFDSDVILRPSKSVKLRSPKSELHQDRSSPPPLPERTLESFFLADEDCMQ
AQSIETYSTSYPTMENSTSSKQTLKTPGKSFTRSKSLKILRNMKKSICNSCPPNKPESVQSNNS
SSFLNFGFANRFSKPKGPRNPPPTWNI

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PTPN22

Entrez GeneID [26191](#)

GeneBank Accession# [BC071670.1](#)

Protein Accession# [AAH71670.1](#)

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](#)