

PTPN22 rabbit monoclonal antibody

Catalog # H00026191-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PTPN22 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PTPN22 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PTPN22 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PTPN22

Entrez GeneID	26191
GeneBank Accession#	PTPN22
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](#)