

PTPN22 Rabbit Polyclonal Antibody



CAB1406

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

107kDa

Calculated MW:

20kDa/75kDa/78kDa/85kDa/
88kDa/91kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein 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 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.

Immunogen information

Gene ID:

26191

Uniprot

Q9Y2R2

Synonyms:

PTPN22; LYP; LYP1; LYP2; PEP; PTPN22.5; PTPN22.6; PTPN8

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 -
1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

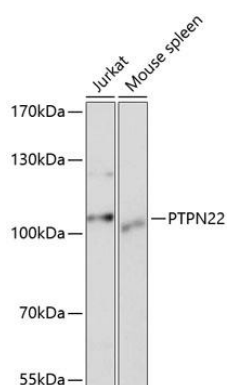
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human PTPN22 (NP_036543.4).

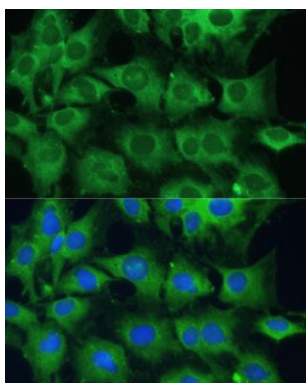
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

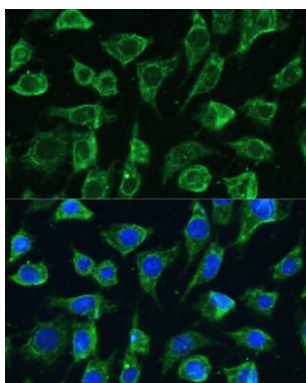
Product Images



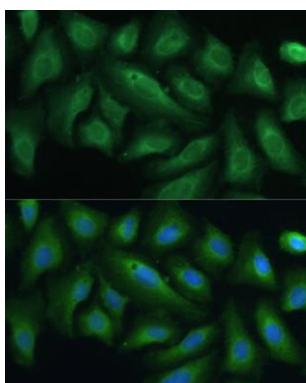
Western blot analysis of extracts of various cell lines, using PTPN22 antibody (CAB1406) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunofluorescence analysis of C6 cells using PTPN22 antibody (CAB1406) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L-929 cells using PTPN22 antibody (CAB1406) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using PTPN22 antibody (CAB1406) at dilution of 1:100. Blue: DAPI for nuclear staining.