

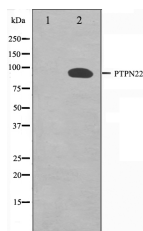
PTPN22 Ab

Cat.#: AF0391
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 91kDa
Clonality: Polyclonal

Application:	WB: 1:500~1:3000, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	PTPN22 Ab detects endogenous levels of total PTPN22.
Immunogen:	A synthesized peptide derived from human PTPN22.
Uniprot:	Q9Y2R2
Description:	PTPN22 Seems to act on Cbl. May play a role in regulating the function of Cbl and its associated protein kinases. Acts as negative regulator of T cell receptor (TCR) signaling. Dephosphorylates and inactivates the SRC family kinases. Belongs to the protein-tyrosine phosphatase family.
Subcellular Location:	Cytoplasm.
Tissue Specificity:	Expressed in bone marrow, B and T-cells, PBMCs, natural killer cells, monocytes, dendritic cells and neutrophils (PubMed:15208781). Both isoform 1 and 4 are predominantly expressed in lymphoid tissues and cells. Isoform 1 is expressed in thymocytes and both mature B and T-cells.
Similarity:	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 4 subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on HeLa cell lysate using PTPN22 Ab. The lane on the left is treated with the antigen-specific peptide.



AF0391 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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