

Affinity Biosciences

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PTPN22 Ab

Images(3)

Cat.#: AF0391 Concn.: ~1mg/ml Mol.Wt.: 91kDa Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:3000, IF/ICC 1:100-1:500

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

Storage: 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.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human PTPN22, corresponding to a

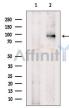
region within C-terminal amino acids.

Uniprot: Q9Y2R2

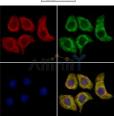
Description: PTPN22 Seems to act on Cbl. May play a role in regulating the function of

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.



Western blot analysis of extracts from EC304, using PTPN22 Ab. The lane on the left was treated with blocking peptide.



AF0391 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF0391 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI(blue).

<code>IMPORTANT:</code> 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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