


Anti-PTPN12 antibody - N-terminal ab154892

[1 References](#) [5 Images](#)

Overview

Product name	Anti-PTPN12 antibody - N-terminal
Description	Rabbit polyclonal to PTPN12 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow 
Immunogen	Recombinant fragment corresponding to a region within N terminal amino acids 1-207 of PTPN12 (Q05209)
Positive control	Recombinant Human PTPN12 protein (ab132054) can be used as a positive control in WB. A549, HeLa or HepG2 lysate, HeLa cells, D54 xenograft, RT2 xenograft or Human ulcerative colitis tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154892 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 88 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Alternatively Tris-EDTA buffer (pH8.0) may be used.
ICC/IF		1/100 - 1/1000.

Target

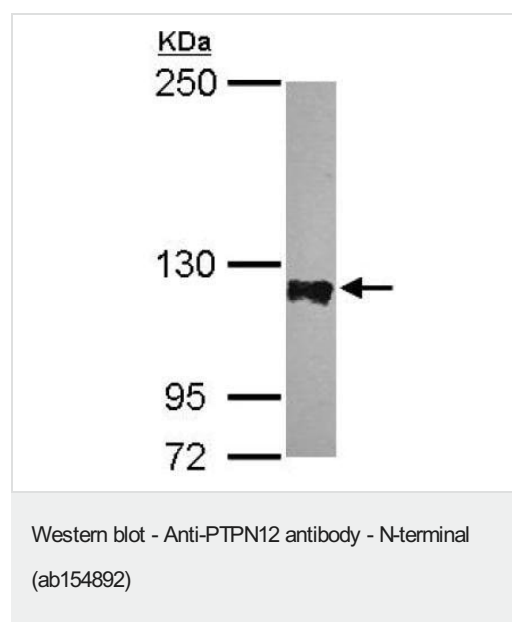
Sequence similarities

Belongs to the protein-tyrosine phosphatase family. Non-receptor class 4 subfamily. Contains 1 tyrosine-protein phosphatase domain.

Cellular localization

Cytoplasm.

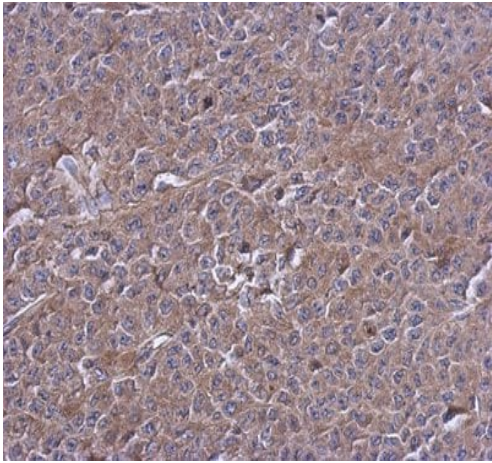
Images



Anti-PTPN12 antibody - N-terminal (ab154892) at 1/5000 dilution + HeLa whole cell lysate at 30 µg

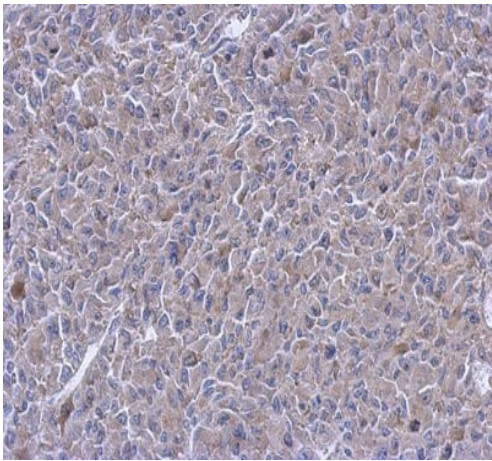
Predicted band size: 88 kDa

5% SDS PAGE



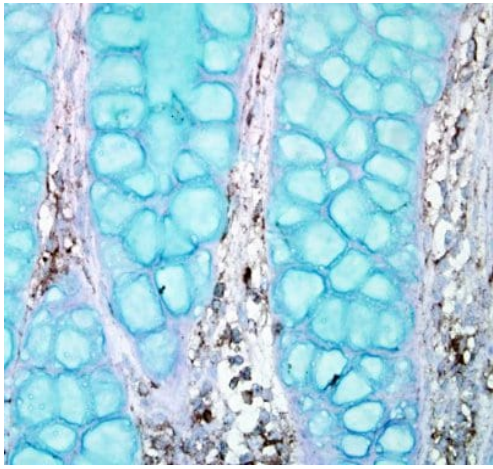
Immunohistochemical analysis of paraffin embedded Human D54 xenograft tissue labeling PTPN12 with ab154892 at a 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PTPN12 antibody - N-terminal (ab154892)



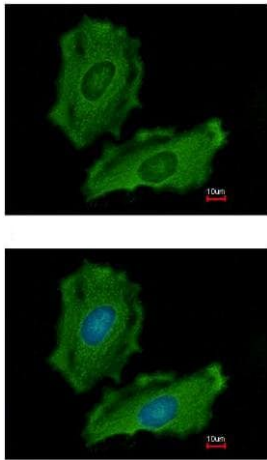
Immunohistochemical analysis of paraffin embedded Human RT2 xenograft tissue labeling PTPN12 with ab154892 at a 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PTPN12 antibody - N-terminal (ab154892)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PTPN12 antibody - N-terminal (ab154892)

Immunohistochemical analysis of paraffin embedded Human ulcerative colitis tissue labeling PTPN12 with ab154892 at a 1/100 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-PTPN12 antibody - N-terminal (ab154892)

Immunofluorescence analysis of methanol-fixed HeLa cells, labeling PTPN12 with ab154892 at a 1/200 dilution (top image), and costained with Hoescht 33342 (bottom image)

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