

Product datasheet

Anti-PTPN9 antibody ab122756

[2 Images](#)

Overview

Product name	Anti-PTPN9 antibody
Description	Rabbit polyclonal to PTPN9
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human PTPN9. Sequence:</p> <p>LATWNFQFLPQVNGHPDPFDEIILFSLPPALDWDVSVHVP PHAMTIQELV DYVNARQKQGIYEEYEDIRRENVPVGTFFHCSMSPGNL</p> <p style="text-align: right;">Run BLAST with Run BLAST with</p>
Positive control	Human stomach tissue.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store undiluted.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab122756** in the following tested applications.

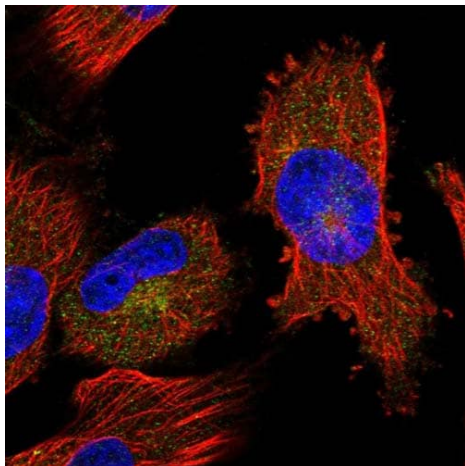
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

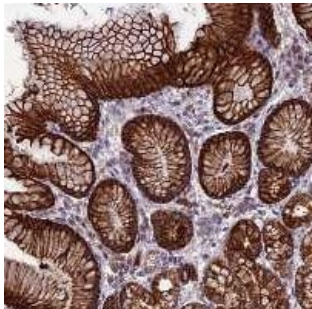
Function	Protein-tyrosine phosphatase that could participate in the transfer of hydrophobic ligands or in functions of the Golgi apparatus.
Sequence similarities	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 3 subfamily. Contains 1 CRAL-TRIO domain. Contains 1 tyrosine-protein phosphatase domain.
Cellular localization	Cytoplasm.

Images



Immunocytochemistry/ Immunofluorescence - Anti-PTPN9 antibody (ab122756)

Immunofluorescent staining of Human cell line U-251 MG shows positivity in cytoplasm and golgi apparatus. Recommended concentration of ab122756 1-4 $\mu\text{g/ml}$. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PTPN9 antibody (ab122756)

ab122756 at 1/200 dilution, staining PTPN9 in Paraffin-embedded Human stomach tissue by Immunohistochemistry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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