


Anti-PTPN12 antibody ab76942

4 References **3 图像**

概述

产品名称	Anti-PTPN12抗体
描述	兔多克隆抗体to PTPN12
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Platypus 
免疫原	Synthetic peptide corresponding to a region between residue 760 and 780 of human PTPN12 (NP_002826.2)
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	ab76942 was affinity purified using an epitope specific to PTPN12 immobilized on solid support. Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab76942于以下的经测试应用

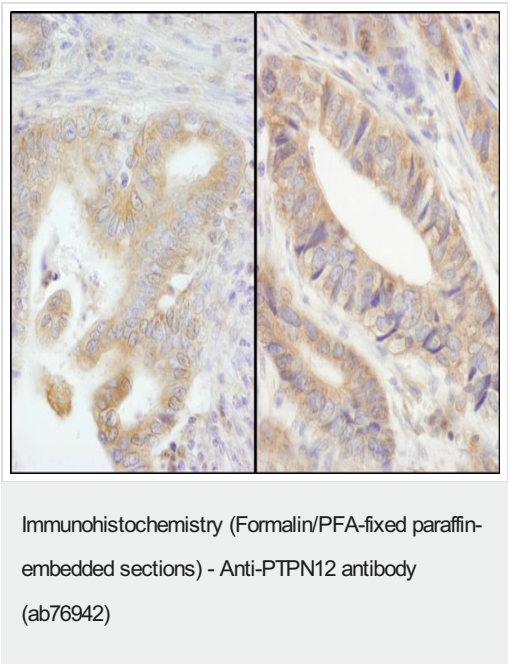
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000 - 1/10000. Predicted molecular weight: 88 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

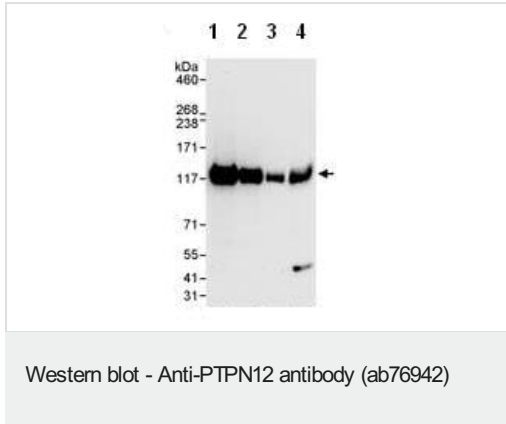
靶标

序列相似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 4 subfamily. Contains 1 tyrosine-protein phosphatase domain.
细胞定位	Cytoplasm.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human stomach carcinoma (left) and colon carcinoma (right) tissues labelling PTPN12 with ab76942 at 1/200 (1µg/ml). Detection: DAB.



All lanes : Anti-PTPN12 antibody (ab76942) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : mouse NIH3T3 whole cell lysate at 50 µg

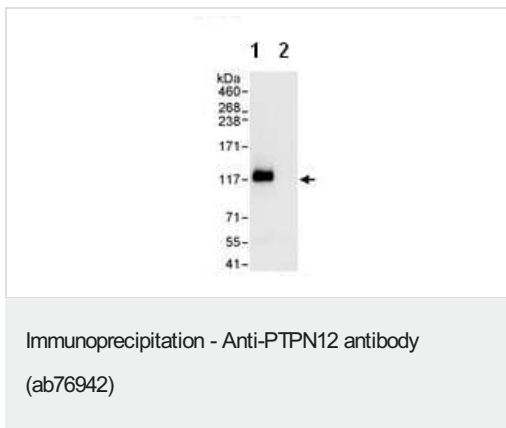
Developed using the ECL technique.

Predicted band size: 88 kDa

Observed band size: 118 kDa

Additional bands at: 45 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds



Lane 1: ab76942, at 1 µg/mg, staining PTPN12 in HeLa whole cell lysate by Western blot of immunoprecipitate (1 mg of lysate for IP, 20% of IP loaded). Immunoprecipitation was performed by using ab76942 at 3µg/mg of lysate.

Lane 2: Control IgG.

Detection: Chemiluminescence with an exposure time of 3 seconds.

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