


Anti-PTP1B antibody ab88481

3 References [画像数 1](#)

製品の概要

製品名	Anti-PTP1B antibody
製品の詳細	Rabbit polyclonal to PTP1B
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Mouse 交差が予測される動物種: Rat 
免疫原	Synthetic peptide, corresponding to amino acids 146-157 of Human PTP1B
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 50% Glycerol, PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

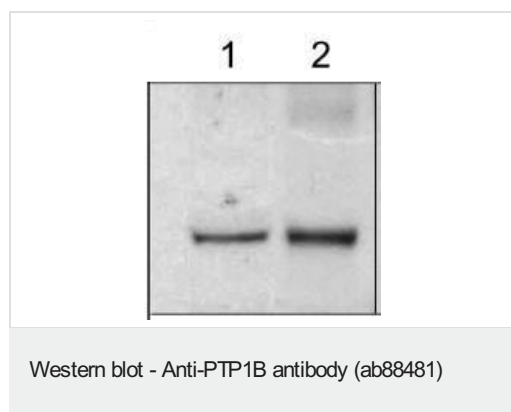
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 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa).

ターゲット情報

機能	May play an important role in CKII- and p60c-src-induced signal transduction cascades.
配列類似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 1 subfamily. Contains 1 tyrosine-protein phosphatase domain.
翻訳後修飾	Oxidized on Cys-215; the Cys-SOH formed in response to redox signaling reacts with the alpha-amido of the following residue to form a 4-amino-3-isothiazolidinone serine cross-link, triggering a conformational change that inhibits substrate binding and activity. The active site can be restored by reduction.
細胞内局在	Endoplasmic reticulum membrane.

画像



All lanes : Anti-PTP1B antibody (ab88481) at 1/1000 dilution (in 5% non-fat milk, PBS, 0.04% Tween20 for 1 hour at room temperature)

Lane 1 : Mouse SYF cSrc-transformed cells, untreated

Lane 2 : Mouse SYF cSrc-transformed cells treated with pervanadate (1 mM for 30 minutes)

Predicted band size: 50 kDa

Observed band size: 50 kDa

The 50kDa band observed can be specifically blocked using the immunogenic peptide, corresponding to PTP1B amino acids 146-157.

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