


Anti-PNUTS antibody ab70247

画像数 3

製品の概要

製品名	Anti-PNUTS antibody
製品の詳細	Rabbit polyclonal to PNUTS
由来種	Rabbit
特異性	We have data to indicate that this antibody may not cross react with <i>Xenopus laevis</i> . However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
アプリケーション	適用あり: WB, IP, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Other Immunogen Type corresponding to PNUTS aa 350-400.
ポジティブ・コントロール	Nuclear extract from Hela cells
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
精製度	Immunogen affinity purified
特記事項(精製)	Antibody was affinity purified using an epitope specific to PNUTS immobilized on solid support.
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

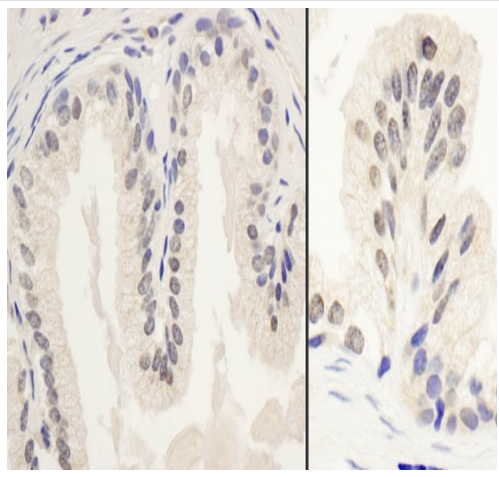
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab70247の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 48, 115 kDa (predicted molecular weight: 99 kDa).
IP		Use a concentration of 1 - 10 µg/ml.
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

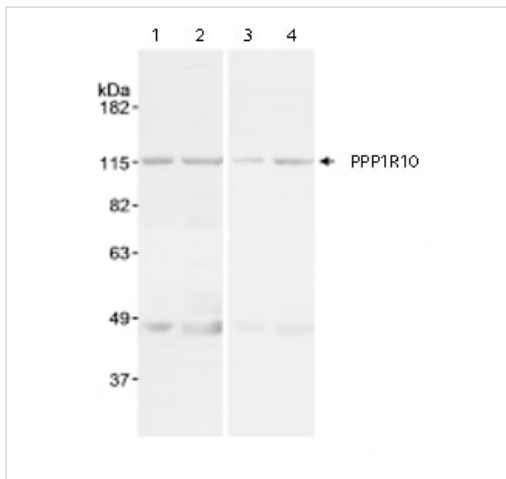
機能	Scaffold protein which mediates the formation of the PTW/PP1 phosphatase complex by providing a binding platform to each component of the complex. The PTW/PP1 phosphatase complex plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase. Mediates interaction of WDR82 and PPP1CA. Inhibitor of PPP1CA and PPP1CC phosphatase activities. Has inhibitory activity on PPP1CA only when phosphorylated. Binds to mRNA, single-stranded DNA (ssDNA), poly(A) and poly(G) homopolymers.
組織特異性	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
配列類似性	Contains 1 C3H1-type zinc finger. Contains 1 TFIS N-terminal domain.
翻訳後修飾	Phosphorylated on Ser-398 by PKA within the region necessary for interaction with PPP1CA.
細胞内局在	Nucleus. Found in discrete nucleoplasmic bodies and within nucleoli. Associates with chromatin during interphase, excluded from condensed chromosomes during early mitosis and is reloaded onto chromosomes at the late telophase (By similarity).

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PNUTS antibody (ab70247)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate carcinoma tissue labelling PNUTS with ab70247 at 1/1000 (1µg/ml). Detection: DAB.



Western blot - Anti-PNUTS antibody (ab70247)

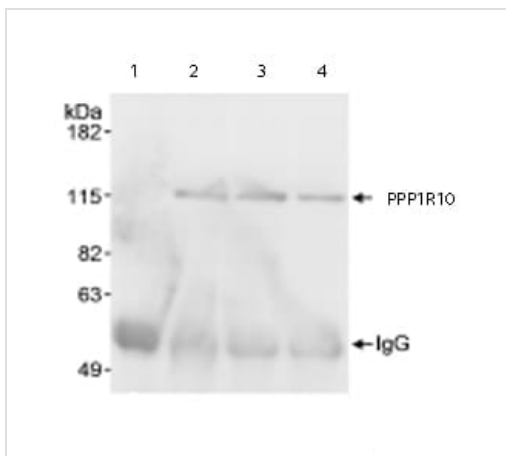
Lanes 1-2 : Anti-PNUTS antibody (ab70247) at 1 µg/ml
Lanes 3-4 : Anti-PNUTS antibody (ab70247) at 0.2 µg/ml

Lanes 1 & 3 : Nuclear extract from HeLa cells at 15 µg
Lanes 2 & 4 : Nuclear extract from HeLa cells at 45 µg

Predicted band size: 99 kDa

Observed band size: 115 kDa

Additional bands at: 48 kDa. We are unsure as to the identity of these extra bands.



Immunoprecipitation - Anti-PNUTS antibody (ab70247)

Immunoprecipitation/ Western Blot of PNUTS.

Sample: Nuclear extract from HeLa cells lysate at 100µg for IP.

Lane 1: Another antibody which recognizes a different epitope of PNUTS.

Lane 2: Another antibody which recognizes a different epitope of PNUTS.

Lane 3: ab70247 at 1µg/100µg nuclear extract.

Lane 4: Another antibody which recognizes a different epitope of PNUTS.

Detection: Chemiluminescence with exposure times of 3 seconds.

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