

Anti-BPTF / FALZ antibody ab72036

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製品の概要

製品名	Anti-BPTF / FALZ antibody
製品の詳細	Rabbit polyclonal to BPTF / FALZ
由来種	Rabbit
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: Chimpanzee, Orangutan 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
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

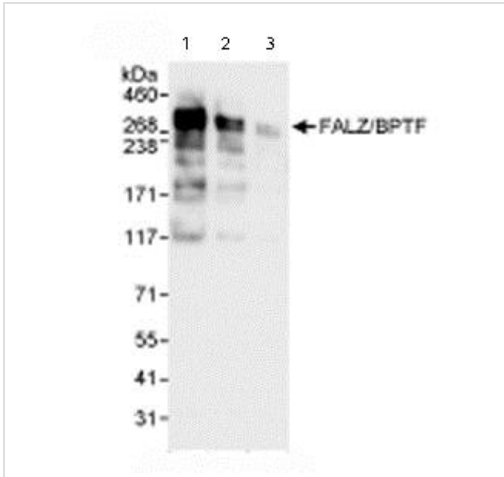
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab72036の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Detects a band of approximately 324 kDa (predicted molecular weight: 324 kDa). Several other bands.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

ターゲット情報

機能	Histone-binding component of NURF (nucleosome-remodeling factor), a complex which catalyzes ATP-dependent nucleosome sliding and facilitates transcription of chromatin. Specifically recognizes H3 tails trimethylated on 'Lys-4' (H3K4me3), which mark transcription start sites of virtually all active genes. May also regulate transcription through direct binding to DNA or transcription factors.
組織特異性	Ubiquitously expressed, with highest levels in testis. Present in kidney, liver and brain. In the brain, highest levels are found in motor cortex (at protein level).
配列類似性	Belongs to the PBTF family. Contains 1 bromo domain. Contains 1 DDT domain. Contains 2 PHD-type zinc fingers.
発生段階	Abundantly expressed in the fetal brain. Present throughout the gray and white matter of the developing spinal cord at 18-22 gestational weeks. Expressed at low levels in adult brain and spinal cord and reexpressed in neurodegenerative diseases (at protein level).
ドメイン	The second PHD-type zinc finger mediates binding to histone H3K4Me3. Has specificity for trimethyllysine; introducing a mutation in the Tyr-2876 residue can induce binding to dimethyllysine.
翻訳後修飾	Phosphorylation enhances DNA-binding. Highly susceptible to proteolysis.
細胞内局在	Cytoplasm. Nucleus. In brains of Alzheimer disease patients, present in a subset of amyloid-containing plaques.

画像



Western blot - Anti-BPTF / FALZ antibody (ab72036)

All lanes : Anti-BPTF / FALZ antibody (ab72036) at 0.04 µg/ml

Lane 1 : Whole cell lysate from HeLa cells. at 50 µg

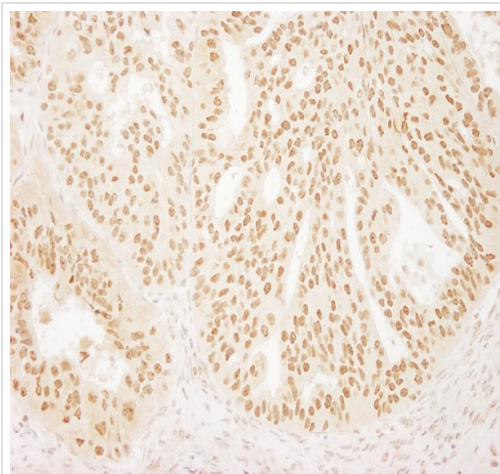
Lane 2 : Whole cell lysate from HeLa cells. at 15 µg

Lane 3 : Whole cell lysate from HeLa cells. at 5 µg

Predicted band size: 324 kDa

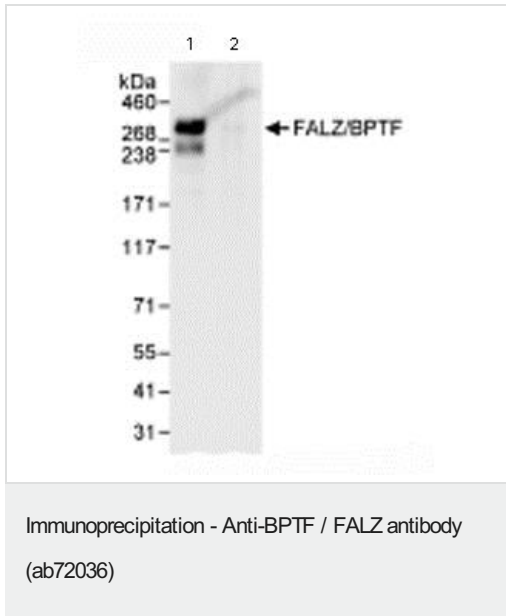
Observed band size: 324 kDa

Various other bands are detected from 117 to 460 kDa.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BPTF / FALZ antibody (ab72036)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling BPTF / FALZ with ab72036 at 1/200 (1µg/ml). Detection: DAB.



Immunoprecipitation/ Western Blot of FALZ / BPTF.

Lane 1: ab72036 at 3µg/mg whole cell lysate for IP, and 0.1 µg/ml for subsequent WB.

Lane 2: Control IgG.

Whole cell lysate from Hela cells at 1mg for IP, 20% of IP loaded.

Detection: Chemiluminescence with an exposure time of 1 second.

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