


Anti-G3BP2 antibody ab86135

15 References **画像数 3**

製品の概要

製品名	Anti-G3BP2 antibody
製品の詳細	Rabbit polyclonal to G3BP2
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IP
種交差性	交差種: Human 交差が予測される動物種: Mouse, Orangutan 
免疫原	Synthetic peptide corresponding to Human G3BP2 aa 250-350. Database link: Q9UN86
ポジティブ・コントロール	ICC/IF: HeLa cells. WB: HeLa, MCF7, Jurkat, HepG2 and HEK293T whole cell lysate. IP: HEK293T whole cell lysate.
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 Constituent: Tris citrate/phosphate
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

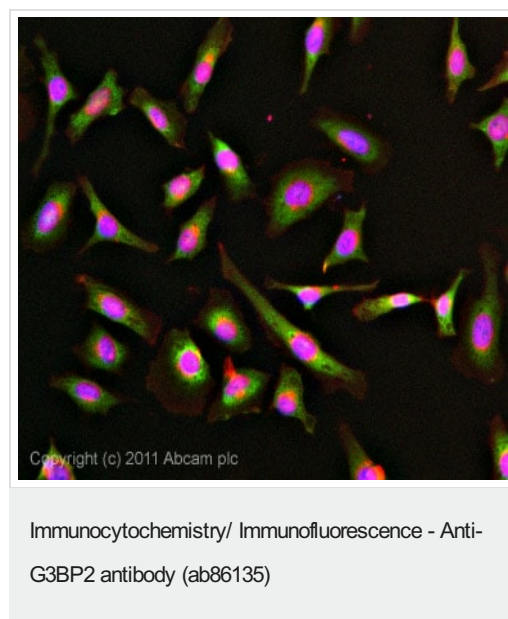
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab86135の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 5 µg/ml.
WB		1/2000 - 1/10000. Predicted molecular weight: 54 kDa.
IP		Use at 2-5 µg/mg of lysate.

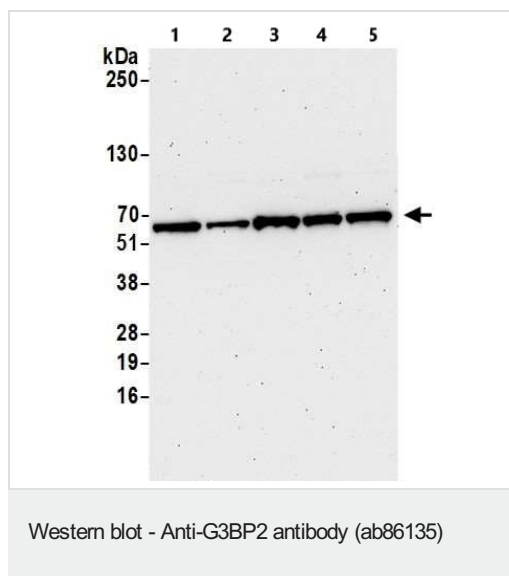
ターゲット情報

機能	Probable scaffold protein that may be involved in mRNA transport.
配列類似性	Contains 1 NTF2 domain. Contains 1 RRM (RNA recognition motif) domain.
翻訳後修飾	Arg-457 and Arg-468 are dimethylated, probably to asymmetric dimethylarginine.
細胞内局在	Cytoplasm.

画像



ICC/IF image of ab86135 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab86135, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



All lanes : Anti-G3BP2 antibody (ab86135) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : MCF7 whole cell lysate

Lane 3 : Jurkat whole cell lysate

Lane 4 : HepG2 whole cell lysate

Lane 5 : HEK293T whole cell lysate

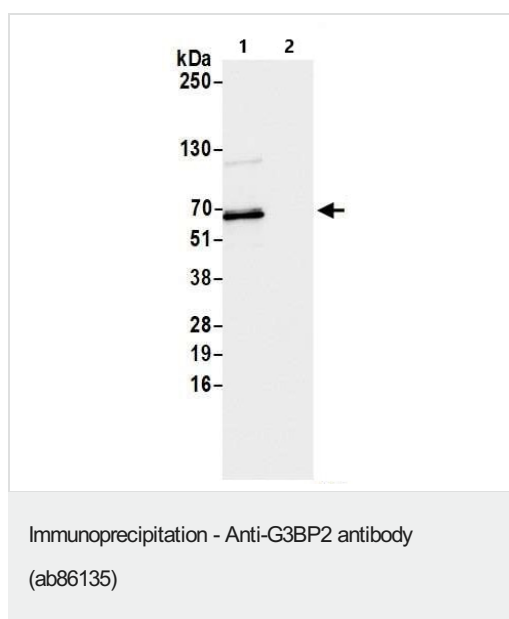
Lysates/proteins at 10 µg per lane.

Predicted band size: 54 kDa

Exposure time: 75 seconds

Detection: Chemiluminescence.

Lysates prepared using NETN lysis buffer.



G3BP2 was immunoprecipitated from 1 mg HEK293T whole cell lysate with ab86135 at 6 µg per reaction. Western blot was performed on the immunoprecipitate using ab86135 at 0.04 µg/mL.

Lysates prepared using NETN lysis buffer.

Lane 1: ab86135 IP in HEK293T whole cell lysate.

Lane 2: Contol IgG in HEK293T whole cell lysate.

Detection: Chemiluminescence.

Exposure time: 1 second.

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