




Anti-IRSp53 antibody - C-terminal ab15697

★★★★★ [1 Abreviews](#) [3 References](#) [画像数 1](#)

製品の概要

製品名	Anti-IRSp53 antibody - C-terminal
製品の詳細	Goat polyclonal to IRSp53 - C-terminal
由来種	Goat
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Dog, Human 交差が予測される動物種: Rat 
免疫原	Synthetic peptide corresponding to Human IRSp53 aa 512-520 (C terminal). Sequence: C-SGSGTLVSTV (Peptide available as ab23256) <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	WB: Human brain lysate.
特記事項	This antibody is expected to recognise the human isoform 1 only of this protein. 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. 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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.05% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified

一次抗体 備考	This antibody is expected to recognise the human isoform 1 only of this protein.
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

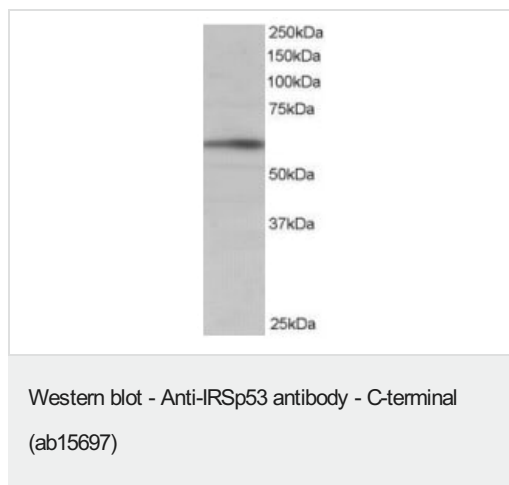
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab15697の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 60 kDa (predicted molecular weight: 60 kDa). 1 hour primary incubation is recommended for this product.

ターゲット情報

機能	Adapter protein that links membrane-bound small G-proteins to cytoplasmic effector proteins. Necessary for CDC42-mediated reorganization of the actin cytoskeleton and for RAC1-mediated membrane ruffling. Involved in the regulation of the actin cytoskeleton by WASF family members and the Arp2/3 complex. Plays a role in neurite growth. Acts synergetically with ENAH to promote filopodia formation.
組織特異性	Isoform 1 and isoform 4 are expressed almost exclusively in brain. Isoform 4 is barely detectable in placenta, prostate and testis. A short isoform is ubiquitous, with the highest expression in liver, prostate, testis and placenta.
配列類似性	Contains 1 IMD (IRSp53/MIM homology) domain. Contains 1 SH3 domain.
ドメイン	The IMD domain forms a coiled coil. The isolated domain can induce actin bundling and filopodia formation. In the absence of G-proteins intramolecular interaction between the IMD and the SH3 domain gives rise to an auto-inhibited state of the protein. Interaction of the IMD with RAC1 or CDC42 leads to activation. The SH3 domain interacts with ATN1, BAI1, WASF1, WASF2, SHANK1, DIAPH1 and ENAH.
翻訳後修飾	Phosphorylated on tyrosine residues by INSR in response to insulin treatment.
細胞内局在	Cytoplasm. Membrane. Cell projection > filopodium. Cell projection > ruffle. Detected throughout the cytoplasm in the absence of specific binding partners. Detected in filopodia and close to membrane ruffles.

画像



Anti-IRSp53 antibody - C-terminal (ab15697) at 1 µg/ml + Lysates prepared from human brain at 35 µg

Predicted band size: 60 kDa

ab15697 staining (1 µg/ml) of human brain lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

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