

Anti-HGS antibody - C-terminal ab155539

★★★★★ 3 Abreviews 8 References 画像数 5

医薬用外劇物

製品の概要

製品名	Anti-HGS antibody - C-terminal
製品の詳細	Rabbit polyclonal to HGS - C-terminal
由来種	Rabbit
アプリケーション	適用あり: IP, WB, IHC-P, ICC/IF
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment, corresponding to a region within C terminal amino acids 611-777 of Human HGS (UniProt ID: O14964).
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
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ab155539の使用に適用されます

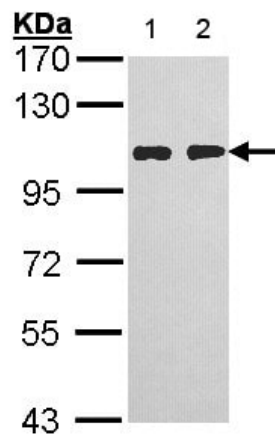
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IP	★★★★★ (1)	Use at an assay dependent concentration.
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 86 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF	★★★★★ (1)	1/100 - 1/1000.

ターゲット情報

機能	Involved in intracellular signal transduction mediated by cytokines and growth factors. When associated with STAM, it suppresses DNA signaling upon stimulation by IL-2 and GM-CSF. Could be a direct effector of PI3-kinase in vesicular pathway via early endosomes and may regulate trafficking to early and late endosomes by recruiting clathrin. May concentrate ubiquitinated receptors within clathrin-coated regions. Involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs) when complexed with STAM (ESCRT-0 complex). The ESCRT-0 complex binds ubiquitin and acts as sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes. May contribute to the efficient recruitment of SMADs to the activin receptor complex. Involved in receptor recycling via its association with the CART complex, a multiprotein complex required for efficient transferrin receptor recycling but not for EGFR degradation.
組織特異性	Ubiquitous expression in adult and fetal tissues with higher expression in testis and peripheral blood leukocytes.
配列類似性	Contains 1 FYVE-type zinc finger. Contains 1 UIM (ubiquitin-interacting motif) repeat. Contains 1 VHS domain.
ドメイン	Has a double-sided UIM that can bind 2 ubiquitin molecules, one on each side of the helix. The FYVE-type zinc finger domain mediates interactions with phosphatidylinositol 3-phosphate in membranes of early endosomes and penetrates bilayers. The FYVE domain insertion into PtdIns(3)P-enriched membranes is substantially increased in acidic conditions.
翻訳後修飾	Phosphorylated on Tyr-334. A minor site of phosphorylation on Tyr-329 is detected (By similarity). Phosphorylation occurs in response to EGF, IL-2, GM-CSF and HGF. Ubiquitinated by ITCH.
細胞内局在	Cytoplasm. Early endosome membrane. Endosome > multivesicular body membrane.

画像



Western blot - Anti-HGS antibody - C-terminal (ab155539)

All lanes : Anti-HGS antibody - C-terminal (ab155539) at 1/10000 dilution

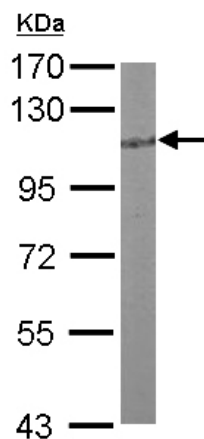
Lane 1 : H1299 whole cell lysate

Lane 2 : HeLa whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 86 kDa

7.5% SDS PAGE

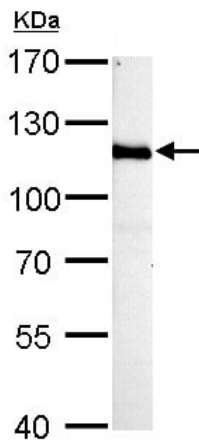


Western blot - Anti-HGS antibody - C-terminal (ab155539)

Anti-HGS antibody - C-terminal (ab155539) at 1/1000 dilution +
Mouse brain whole cell lysate at 50 µg

Predicted band size: 86 kDa

7.5% SDS PAGE

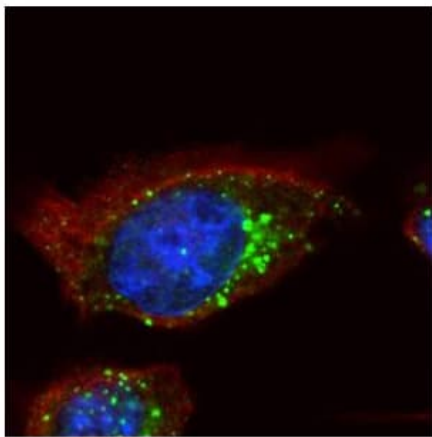


Western blot - Anti-HGS antibody - C-terminal
(ab155539)

Anti-HGS antibody - C-terminal (ab155539) at 1/1000 dilution + Rat
brain whole cell lysate at 50 μ g

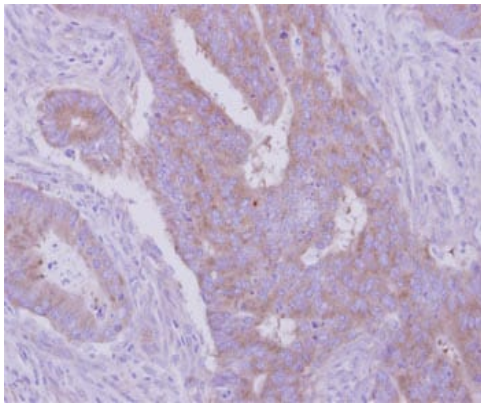
Predicted band size: 86 kDa

7.5 % SDS-PAGE



Immunocytochemistry/ Immunofluorescence - Anti-
HGS antibody - C-terminal (ab155539)

Confocal immunofluorescence analysis of methanol-fixed A431
cells, labeling HGS with ab155539 at 1/200 dilution (green) and
Alpha-tubulin filaments (red).



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue, labeling HGS with ab155539 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HGS antibody - C-terminal (ab155539)

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