

Anti-STIP1/STI1 antibody [EPR6605] ab126724

敲除验证
重组
RabMAb

★★★★★
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概述

产品名称	Anti-STIP1/STI1抗体[EPR6605]
描述	兔单克隆抗体[EPR6605] to STIP1/STI1
宿主	Rabbit
特异性	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HAP1, HEK-293, Jurkat, HeLa, BxPC3, HepG2, and SK OV 3 cell lysates, human, mouse and rat brain lysate. IHC-P: Human ovarian carcinoma, testis, thyroid cancer tissue. Flow Cyt (intra): HeLa cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified

克隆	单克隆
克隆编号	EPR6605
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab126724 于以下的经测试应用

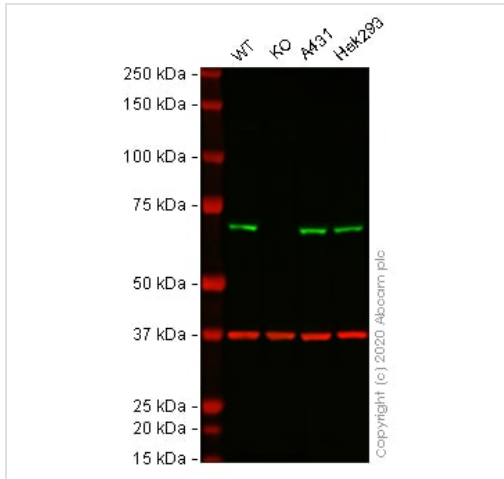
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/20. For unpurified use at 1/20
WB	★★★★★ (6)	1/10000 - 1/50000. Detects a band of approximately 63 kDa (predicted molecular weight: 63 kDa).
IHC-P		1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For unpurified use at 1/250- 1/500 The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat. See IHC antigen retrieval protocols .

靶标

功能	Mediates the association of the molecular chaperones HSC70 and HSP90 (HSPCA and HSPCB).
序列相似性	Contains 2 ST11 domains. Contains 9 TPR repeats.
结构域	The TPR 1 repeat interacts with the C-terminal of HSC70. The TPR 4, 5 and 6 repeats (also called TPR2A domain) and TPR 7, 8 and 9 repeats (also called TPR2B domain) interact with HSP90.
细胞定位	Cytoplasm. Nucleus.

图片



Western blot - Anti-STIP1/STI1 antibody [EPR6605] (ab126724)

All lanes : Anti-STIP1/STI1 antibody [EPR6605] (ab126724) at 1/10000 dilution

Lane 1 : Wild-type HAP1 cell lysate

Lane 2 : STIP1 knockout HAP1 cell lysate

Lane 3 : A431 cell lysate

Lane 4 : HEK-293 cell lysate

Lysates/proteins at 20 µg per lane.

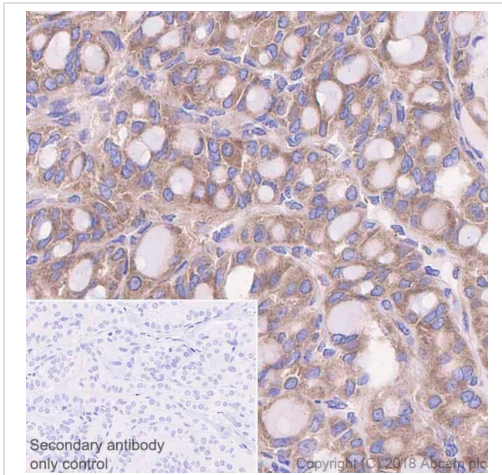
Performed under reducing conditions.

Predicted band size: 63 kDa

Observed band size: 63 kDa

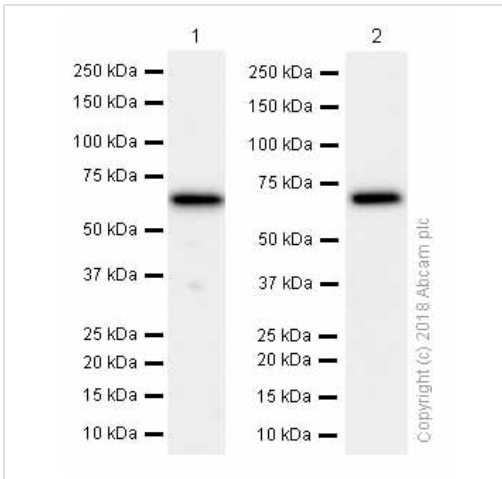
Lanes 1 - 4: Merged signal (red and green). Green - ab126724 observed at 63 kDa. Red - loading control **ab8245** (Mouse anti-GAPDH antibody [6C5]) observed at 37kDa.

ab126724 was shown to react with STIP1/STI1 in wild-type HAP1 cells in western blot with loss of signal observed in STIP1 knockout sample. Wild-type and STIP1 knockout HAP1 cell lysates were subjected to SDS-PAGE. Membranes were blocked in 3% milk in TBS-T (0.1% Tween[®]) before incubation with ab126724 and **ab8245** (Mouse anti-GAPDH antibody [6C5]) overnight at 4°C at a 1 in 10000 Dilution and a 1 in 20000 dilution respectively. Blots were incubated with Goat anti-Rabbit IgG H&L (IRDye[®] 800CW) preabsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye[®] 680RD) preabsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody [EPR6605] (ab126724)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human thyroid cancer tissue sections labeling STIP1/STI1 with Purified ab126724 at 1:1000 dilution (0.18 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-STIP1/STI1 antibody [EPR6605] (ab126724)

All lanes : Anti-STIP1/STI1 antibody [EPR6605] (ab126724) at 1/20000 dilution (Purified)

Lane 1 : Mouse brain lysates

Lane 2 : Rat brain lysates

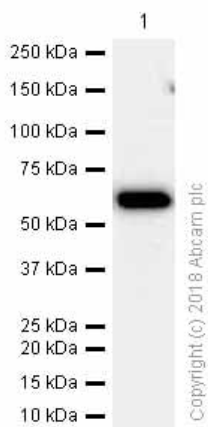
Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 63 kDa

Observed band size: 63 kDa



Western blot - Anti-STIP1/ST1 antibody [EPR6605] (ab126724)

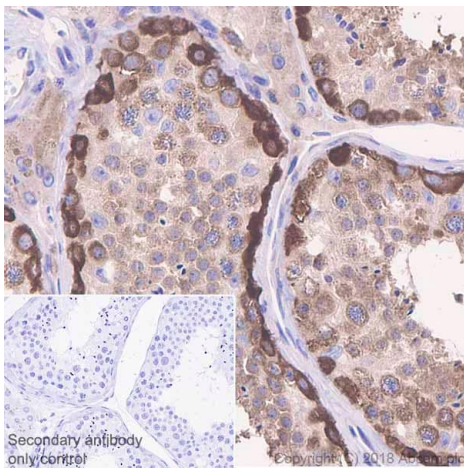
Anti-STIP1/ST1 antibody [EPR6605] (ab126724) at 1/20000 dilution (Purified) + Human brain lysates at 15 μ g

Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

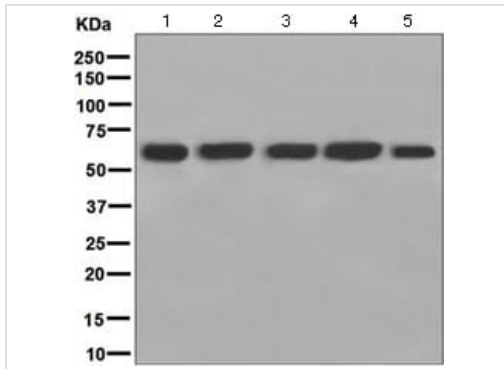
Predicted band size: 63 kDa

Observed band size: 63 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/ST1 antibody [EPR6605] (ab126724)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human testis tissue sections labeling STIP1/ST1 with Purified ab126724 at 1:1000 dilution (0.18 μ g/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-STIP1/STI1 antibody [EPR6605] (ab126724)

All lanes : Anti-STIP1/STI1 antibody [EPR6605] (ab126724) at 1/10000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : BxPC3 cell lysate

Lane 4 : HepG2 cell lysate

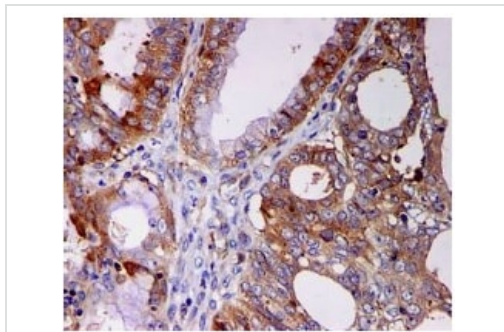
Lane 5 : SK OV 3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

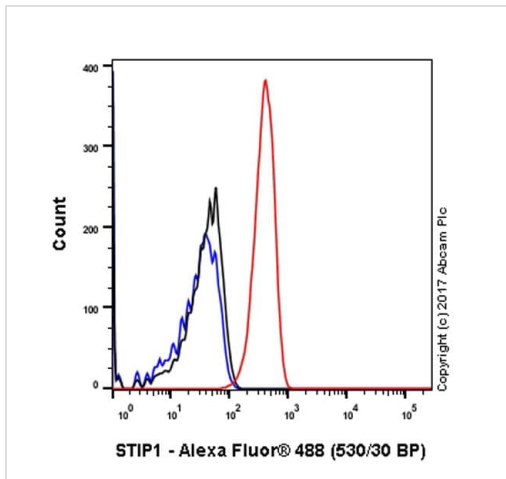
Predicted band size: 63 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STIP1/STI1 antibody [EPR6605] (ab126724)

Unpurified ab126724, at a dilution of 1/250, staining STIP1/STI1 in paraffin-embedded human ovarian carcinoma tissue by Immunohistochemistry.

Heat mediated antigen retrieval was performed before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-STIP1/STI1 antibody [EPR6605] (ab126724)

Intracellular Flow Cytometry analysis of HeLa (human cervix adenocarcinoma) cells labeling STIP1/STI1 (red) with purified ab126724 at a 1/200 dilution. Cells were fixed with 4% paraformaldehyde and permeabilized with 90% methanol. A goat anti-rabbit IgG (Alexa Fluor® 488) ([ab150077](#)) was used as the secondary antibody at a 1/2000 dilution. Black - Rabbit monoclonal IgG ([ab172730](#)). Blue (unlabeled control) - Cells without incubation with primary and secondary antibodies.



Western blot - Anti-STIP1/STI1 antibody [EPR6605] (ab126724)

This image is courtesy of an anonymous Abreview

Anti-STIP1/STI1 antibody [EPR6605] (ab126724) at 1/1000 dilution (Unpurified) + Mouse brain whole tissue lysate at 150 µg

Secondary

HRP-conjugated goat anti-rabbit IgG polyclonal at 1/10000 dilution

Developed using the ECL technique.


Performed under reducing conditions.

Predicted band size: 63 kDa

Observed band size: 63 kDa

Exposure time: 5 minutes

Why choose a recombinant antibody?



- Research with confidence**
Consistent and reproducible results
- Long-term and scalable supply**
Recombinant technology
- Success from the first experiment**
Confirmed specificity
- Ethical standards compliant**
Animal-free production

Anti-STIP1/STI1 antibody [EPR6605] (ab126724)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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