


Anti-SFT antibody [EPR13000(B)] ab176561

敲除验证 重组 RabMAb

4 References 7 图像

概述	
产品名称	Anti-SFT抗体[EPR13000(B)]
描述	兔单克隆抗体[EPR13000(B)] to SFT
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P, IP 不适用于: ICC/IF
种属反应性	与反应: Mouse, Human 预测可用于: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Jurkat and Raji cell lysates, Human skeletal muscle lysate, Human thyroid gland carcinoma and prostate tissues, Jurkat 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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆

克隆编号	EPR13000(B)
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab176561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)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Predicted molecular weight: 17 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/10 - 1/100.

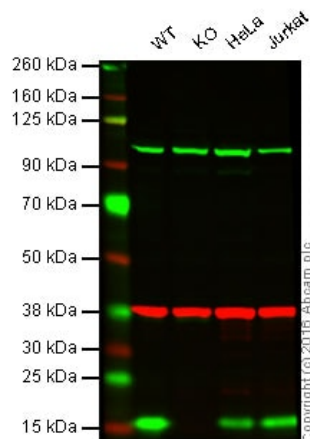
应用说明

Is unsuitable for ICC/IF.

靶标

功能	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48'-linked polyubiquitination. Mediates the selective degradation of short-lived and abnormal proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and auto-ubiquitination of CHIP, TRAF6 and TRIM63/MURF1. Ubiquitinates CHIP-associated HSP90AB1 in vitro. Lacks inherent specificity for any particular lysine residue of ubiquitin. Essential for viral activation of IRF3. Mediates polyubiquitination of CYP3A4.
组织特异性	Ubiquitous. Up-regulated in livers of iron-overloaded patients with hereditary hemochromatosis.
通路	Protein modification; protein ubiquitination.
序列相似性	Belongs to the ubiquitin-conjugating enzyme family.
细胞定位	Cytoplasm.

图片



Western blot - Anti-SFT antibody [EPR13000(B)]
(ab176561)

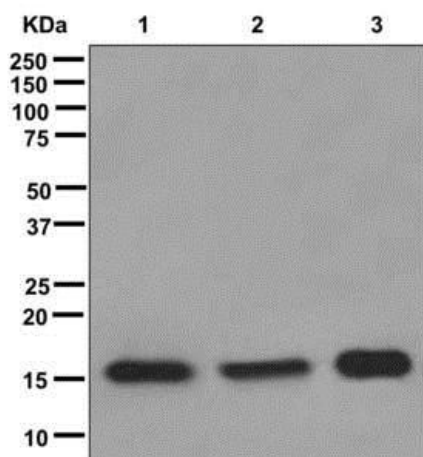
Lane 1: Wild-type HAP1 cell lysate (20 µg)

Lane 2: SFT knockout HAP1 cell lysate (20 µg)

Lane 3: HeLa cell lysate (20 µg)

Lane 4: Jurkat cell lysate (20 µg)

Lanes 1 - 4: Merged signal (red and green). Green - ab176561 observed at 18 kDa. Red - loading control, **ab181602**, observed at 37 kDa. ab176561 was shown to recognize SFT when SFT knockout samples were used, along with additional cross-reactive bands. Wild-type and SFT knockout samples were subjected to SDS-PAGE. ab176561 and **ab181602** (loading control to GAPDH) were diluted 1 µg/mL and 1/10 000 respectively and incubated overnight at 4°C. Blots were developed with Goat anti-Mouse IgG H&L (IRDye® 800CW) preadsorbed (**ab216772**) and Goat Anti-Rabbit IgG H&L (IRDye® 680RD) preadsorbed (**ab216777**) secondary antibodies at 1/10 000 dilution for 1 h at room temperature before imaging.



Western blot - Anti-SFT antibody [EPR13000(B)]
(ab176561)

All lanes : Anti-SFT antibody [EPR13000(B)] (ab176561) at 1/10000 dilution

Lane 1 : Jurkat cell lysate

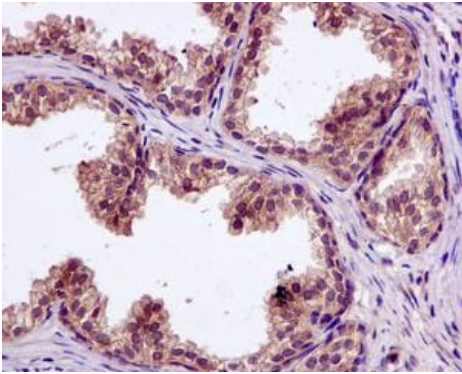
Lane 2 : Raji cell lysate

Lane 3 : Human skeletal muscle lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

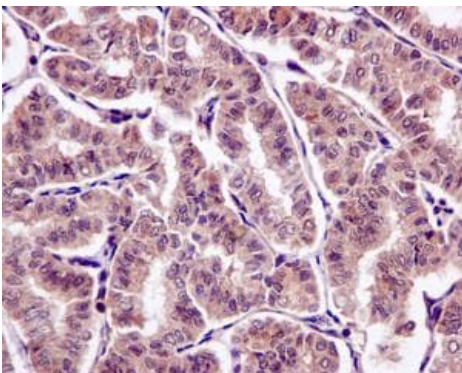
Predicted band size: 17 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SFT antibody
[EPR13000(B)] (ab176561)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded, Human prostate tissue labeling SFT with ab176561 at a 1/50 dilution.

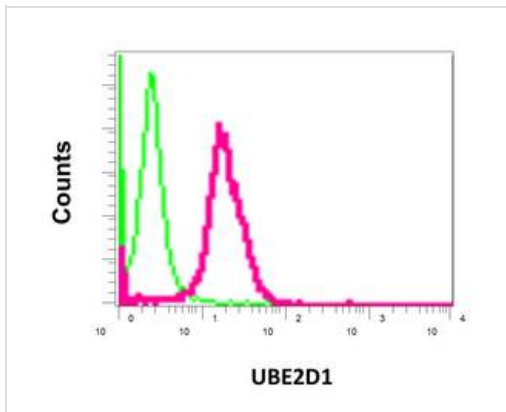
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SFT antibody
[EPR13000(B)] (ab176561)

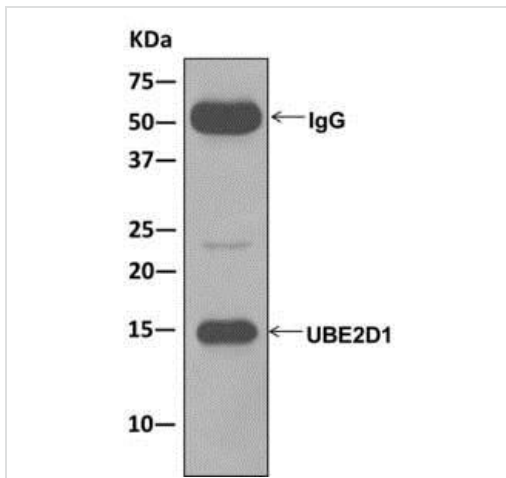
Immunohistochemical analysis of formalin-fixed, paraffin-embedded, Human thyroid gland carcinoma tissue labeling SFT with ab176561 at a 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Intracellular Flow Cytometry analysis of permeabilized Jurkat cells labeling SFT (red) with ab176561 at a 1/10 dilution, or negative control rabbit IgG (green)





Flow Cytometry (Intracellular) - Anti-SFT antibody
[EPR13000(B)] (ab176561)



Western blot analysis on immunoprecipitation pellet from Human skeletal muscle lysate labeling SFT with ab176561 at 1/10 dilution.

Immunoprecipitation - Anti-SFT antibody
[EPR13000(B)] (ab176561)

Why choose a recombinant antibody?

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

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