

Anti-STARD4 antibody [EPR17847-32] ab202060

重组 RabMAb

3 References **7 图像**

概述

产品名称	Anti-STARD4抗体[EPR17847-32]
描述	兔单克隆抗体[EPR17847-32] to STARD4
宿主	Rabbit
经测试应用	适用于: ICC/IF, IP, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: SH-SY5Y, HepG2, 293, U937 C6, RAW 264.7, PC-12 and NIH/3T3 whole cell lysates; Human fetal liver and fetal heart lysates; Mouse liver, kidney and spleen lysates; Rat kidney, spleen and liver lysates. ICC/IF: HepG2 and SH-SY5Y cells. IP: NIH/3T3 whole cell lysate.
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	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR17847-32

同种型IgG

应用

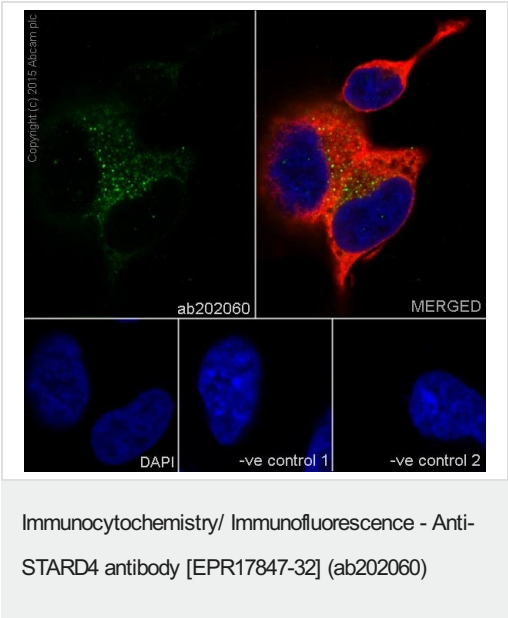
The Abpromise guarantee **Abpromise™**承诺保证使用ab202060于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/1000.
IP		1/60.
WB		1/1000. Detects a band of approximately 24 kDa (predicted molecular weight: 24 kDa).

靶标

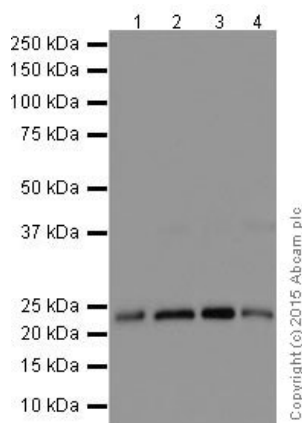
功能	May be involved in the intracellular transport of sterols or other lipids. May bind cholesterol or other sterols.
序列相似性	Contains 1 START domain.

图片



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized SH-SY5Y (Human neuroblastoma from bone marrow cells) cells labeling STRAD4 with ab202060 at 1/1000 dilution, followed by Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/500 dilution (green). Confocal image showing cytoplasmic staining on SH-SY5Y cell line. The nuclear counter stain is DAPI (blue). Tubulin is detected with **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution and **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution (red).

The negative controls are as follows:
-ve control 1: ab202060 at 1/1000 dilution followed by **ab150120** (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution.
-ve control 2: **ab7291** (anti-Tubulin mouse mAb) at 1/1000 dilution followed by **ab150077** (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/500 dilution.



Western blot - Anti-STARD4 antibody [EPR17847-32] (ab202060)

All lanes : Anti-STARD4 antibody [EPR17847-32] (ab202060) at 1/1000 dilution

Lane 1 : SH-SY5Y (Human neuroblastoma from bone marrow cells) whole cell lysate

Lane 2 : HepG2 (Human liver hepatocellular carcinoma) whole cell lysate

Lane 3 : 293 (Human epithelial cells from embryonic kidney) whole cell lysate

Lane 4 : U937 (Human histiocytic lymphoma cells) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

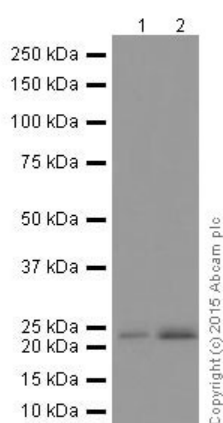
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 24 kDa

Observed band size: 24 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot - Anti-STARD4 antibody [EPR17847-32] (ab202060)

All lanes : Anti-STARD4 antibody [EPR17847-32] (ab202060) at 1/1000 dilution

Lane 1 : Human fetal liver lysate

Lane 2 : Human fetal heart lysate

Lysates/proteins at 10 µg per lane.

Secondary

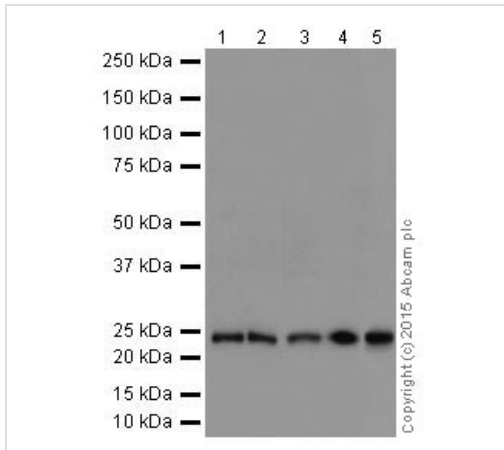
All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 24 kDa

Observed band size: 24 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-STARD4 antibody [EPR17847-32] (ab202060)

All lanes : Anti-STARD4 antibody [EPR17847-32] (ab202060) at 1/1000 dilution

Lane 1 : Mouse kidney tissue lysate

Lane 2 : Mouse spleen tissue lysate

Lane 3 : Rat kidney tissue lysate

Lane 4 : Rat spleen tissue lysate

Lane 5 : Rat liver tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

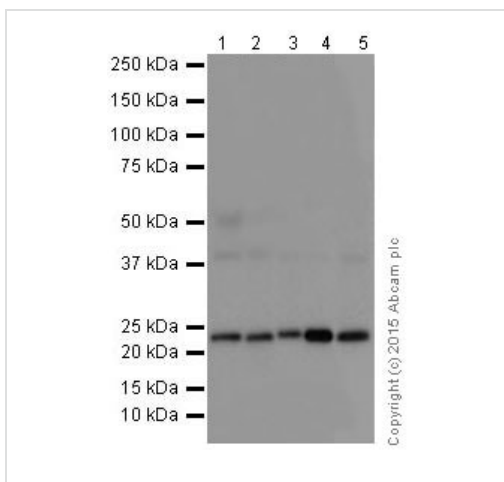
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 24 kDa

Observed band size: 24 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-STARD4 antibody [EPR17847-32] (ab202060)

All lanes : Anti-STARD4 antibody [EPR17847-32] (ab202060) at 1/1000 dilution

Lane 1 : C6 (Rat glial tumor cells) whole cell lysate

Lane 2 : RAW 264.7 (Mouse macrophage cells transformed with Abelson murine leukemia virus) whole cell lysate

Lane 3 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysate

Lane 4 : NIH/3T3 (Mouse embryo fibroblast cells) whole cell lysate

Lane 5 : Mouse liver tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

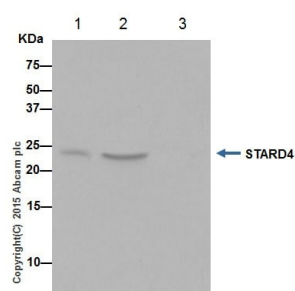
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 24 kDa

Observed band size: 24 kDa

Exposure time: 1 minute

Blocking/Dilution buffer: 5% NFDM/TBST.



STARD4 was immunoprecipitated from 1mg of NIH/3T3 (Mouse embryo fibroblast cells) whole cell lysate with ab202060 at 1/50 dilution. Western blot was performed from the immunoprecipitate using ab202060 at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1500 dilution.

Lane 1: NIH/3T3 whole cell lysate 10 µg (Input). Lane 2: ab202060 IP in NIH/3T3 whole cell lysate Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab202060 in NIH/3T3 whole cell lysate. Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 10 seconds.

Immunoprecipitation - Anti-STARD4 antibody
[EPR17847-32] (ab202060)

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-STARD4 antibody [EPR17847-32] (ab202060)

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