

Anti-STARD4 antibody [EPR17847] ab200344

Recombinant RabMAb

4 Images

Overview

Product name	Anti-STARD4 antibody [EPR17847]
Description	Rabbit monoclonal [EPR17847] to STARD4
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	SH-SY5Y, HepG2, 293 and U-937 whole cell lysate. Human fetal heart, fetal kidney and fetal liver lysate. SH-SY5Y cells.
General notes	<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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR17847
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab200344 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Predicted molecular weight: 24 kDa.
ICC/IF		1/100.

Target

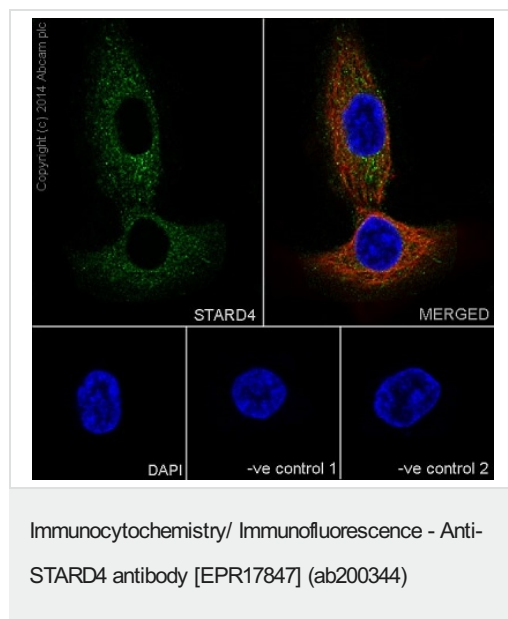
Function

May be involved in the intracellular transport of sterols or other lipids. May bind cholesterol or other sterols.

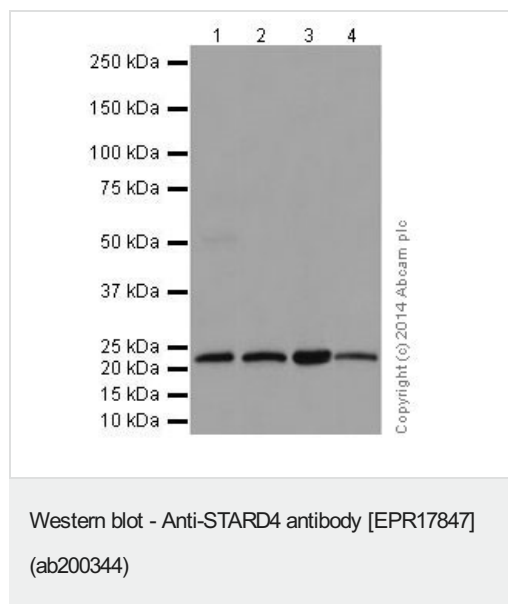
Sequence similarities

Contains 1 START domain.

Images



Immunocytochemistry/ Immunofluorescence analysis of SH-SY5Y (Human neuroblastoma from bone marrow cells) cells labeling STARD4 with ab200344 at a 1/100 dilution. **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary, 1/500 dilution. Counterstained using **ab7291** anti-Tubulin (mouse mAb), 1/1000 dilution and **ab150120** AlexaFluor®594 Goat anti-Mouse secondary, 1/500 dilution. Cells were fixed in 100% methanol and permeabilized using 0.1% Triton X-100. Nuclear stain DAPI.



All lanes : Anti-STARD4 antibody [EPR17847] (ab200344) 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

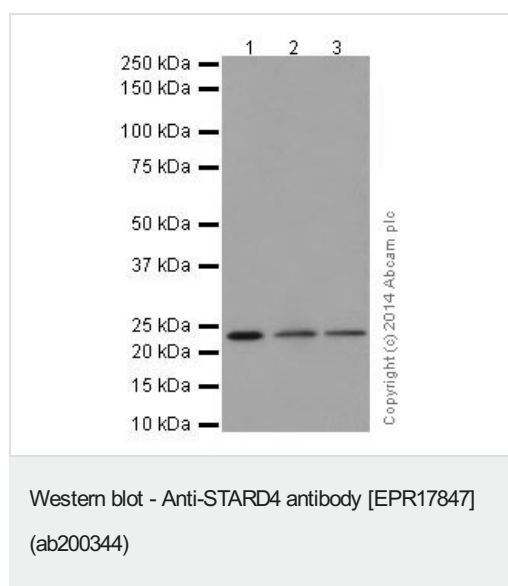
Lane 4 : U-937 (Human histiocytic lymphoma cells) whole cell lysate

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



All lanes : Anti-STARD4 antibody [EPR17847] (ab200344) at 1/1000 dilution

Lane 1 : Human fetal heart lysate

Lane 2 : Human fetal kidney lysate

Lane 3 : Human fetal liver 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

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] (ab200344)

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

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