


Product datasheet

Anti-SCFD1 antibody ab86594

2 Images

Overview

<b>Product name</b>	Anti-SCFD1 antibody
<b>Description</b>	Rabbit polyclonal to SCFD1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat, Rabbit, Horse, Cow, Dog, Pig, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Orangutan, Elephant 
<b>Immunogen</b>	Synthetic peptide corresponding to a region within internal amino acids 300 - 350 (VENSPAGARP KRKNKKSVDL TPVDKFWQKH KGSPFPEVAE SVQQELESYR A) of Human SCFD1 (NP_057190.2) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Whole cell lysate from HeLa cells, 293T cells or NIH3T3 cells.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab86594** in the following tested applications.

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

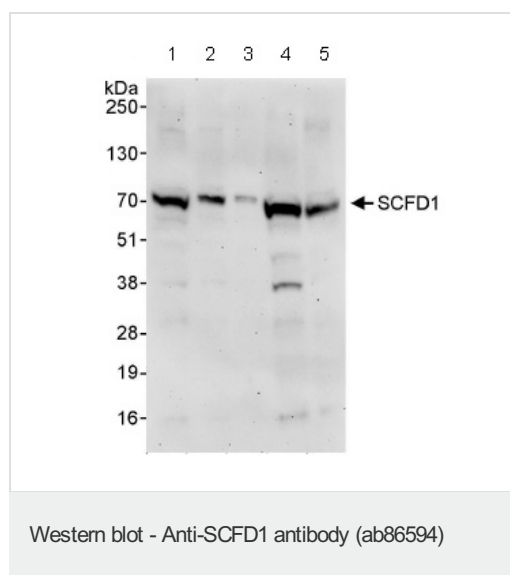
Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 72 kDa.

Application	Abreviews	Notes
IP		Use at 2-5 µg/mg of lysate.

## Target

<b>Function</b>	Plays a role in SNARE-pin assembly and Golgi-to-ER retrograde transport via its interaction with COG4. Involved in vesicular transport between the endoplasmic reticulum and the Golgi.
<b>Sequence similarities</b>	Belongs to the STXBP/unc-18/SEC1 family.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Cytoplasm. Endoplasmic reticulum membrane. Golgi apparatus > Golgi stack membrane.

## Images



**All lanes :** Anti-SCFD1 antibody (ab86594)  
at 0.04 µg/ml

**Lane 1 :** Whole cell lysate from HeLa cells at  
50 µg

**Lane 2 :** Whole cell lysate from HeLa cells at  
15 µg

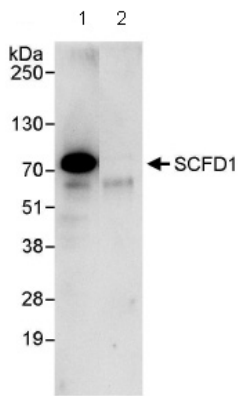
**Lane 3 :** Whole cell lysate from HeLa cells at  
5 µg

**Lane 4 :** Whole cell lysate from 293T cells at  
50 µg

**Lane 5 :** Whole cell lysate from NIH3T3 cells  
at 50 µg

**Predicted band size:** 72 kDa

**Exposure time:** 3 minutes



Immunoprecipitation - Anti-SCFD1 antibody  
(ab86594)

1mg whole cell lysate from HeLa cells was immunoprecipitated using 3ug ab86594. 20% of IP was loaded per lane, and probed with ab86549 at 1ug/ml (lane 1) or with a control IgG (lane 2).

Detection: chemiluminescence with an exposure time of 30 seconds.

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