




Product datasheet

Anti-Sly1 antibody ab86594

2 Images

Overview

Product name	Anti-Sly1 antibody
Description	Rabbit polyclonal to Sly1
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	<p>Reacts with: Mouse, Human</p> <p>Predicted to work with: Rat, Rabbit, Horse, Cow, Dog, Pig, Chimpanzee, Ferret, Rhesus monkey, Gorilla, Orangutan, Elephant </p>
Immunogen	<p>Synthetic peptide corresponding to Human Sly1 aa 300-350 (internal sequence). Sequence:</p> <p>VENSPAGARPKRKNKKSVDLTPVDKFWQKHKGSPFPEV AESVQQELESYR A</p> <p>Database link: NP_057190.2</p> <p> Run BLAST with  Run BLAST with</p>
Positive control	Whole cell lysate from HeLa cells, 293T cells or NIH3T3 cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 6.8</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.1% BSA, Tris buffered saline</p>
Purity	Immunogen affinity purified

Clonality	Polyclonal
Isotype	IgG

Applications

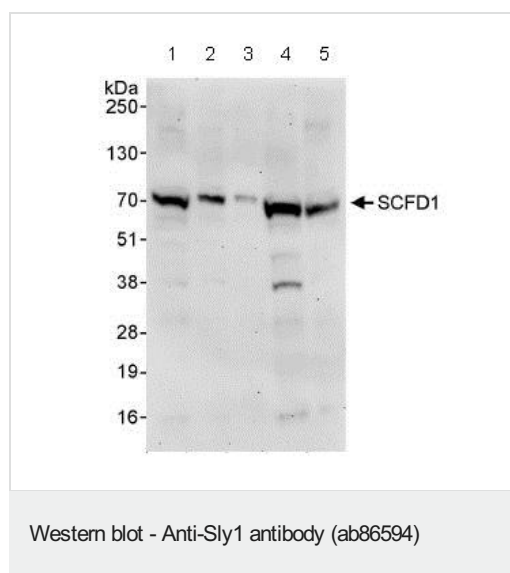
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab86594 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 72 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function	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.
Sequence similarities	Belongs to the STXBP/unc-18/SEC1 family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm. Endoplasmic reticulum membrane. Golgi apparatus > Golgi stack membrane.

Images



All lanes : Anti-Sly1 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

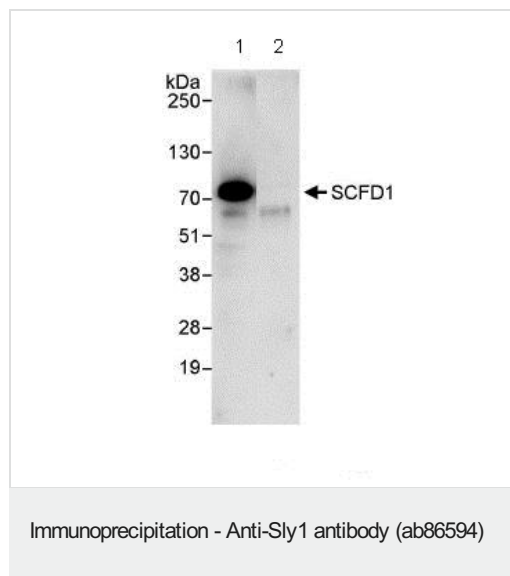
Lane 3 : Whole cell lysate from HeLa cells at 5 µg

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



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.

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

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