


## Product datasheet

# Anti-C14orf133 antibody ab125084

[1 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-C14orf133 antibody
<b>Description</b>	Rabbit polyclonal to C14orf133
<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> Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
<b>Immunogen</b>	Synthetic peptide, corresponding to a region between amino acids 443-493 of Human C14orf133 (NP_071350.2).
<b>Positive control</b>	HeLa, 293T, Jurkat and NIH3T3 whole cell lysates.
<b>General notes</b>	<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&amp;As</p>

### Properties

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<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>	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
<b>Purity</b>	pH 7 to 8 Immunogen affinity purified
<b>Purification notes</b>	ab125084 was affinity purified using an epitope specific to C14orf133 immobilized on solid support.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab125084 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: 57 kDa.
IP		Use at 2-10 µg/mg of lysate.

## Target

### Function

Plays a role in lysosomal trafficking. May play a role in epithelial polarization through stabilization of apical membrane protein content, possibly via the RAB11A-dependent apical recycling pathway. Also involved in direct or indirect transcriptional regulation of E-cadherin.

### Involvement in disease

Defects in VIPAR are the cause of arthrogyrosis-renal dysfunction-cholestasis syndrome type 2 (ARCS2) [MIM:613404]. ARCS2 is an autosomal recessive multisystem disorder, characterized by neurogenic arthrogyrosis multiplex congenita, renal tubular dysfunction and neonatal cholestasis with bile duct hypoplasia and low gamma glutamyl transpeptidase activity. Platelet dysfunction is common. Note=In liver, CEACAM5 and ABCB11 are mislocalized and E-cadherin expression is decreased.

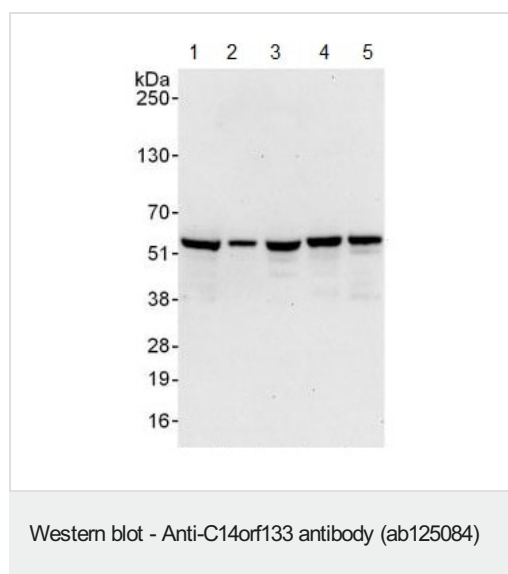
### Sequence similarities

Belongs to the VIPAR family.

### Cellular localization

Early endosome. Recycling endosome. Late endosome.

## Images



**All lanes :** Anti-C14orf133 antibody (ab125084) at 0.1 µg/ml

**Lane 1 :** HeLa whole cell lysate at 50 µg

**Lane 2 :** HeLa whole cell lysate at 15 µg

**Lane 3 :** 293T whole cell lysate at 50 µg

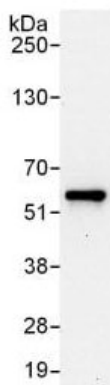
**Lane 4 :** Jurkat whole cell lysate at 50 µg

**Lane 5 :** NIH3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

**Predicted band size:** 57 kDa

**Exposure time:** 30 seconds



kDa  
250-  
130-  
70-  
51-  
38-  
28-  
19-

Immunoprecipitation - Anti-C14orf133 antibody  
(ab125084)

Detection of C14orf133 by Western Blot of Immunoprecipitate.

ab125084 at 1 µg/ml staining C14orf133 in HeLa whole cell lysate immunoprecipitated using ab125084 at 6 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with exposure time of 30 seconds.

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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