

## Product datasheet

# Anti-HACE1 antibody [EPR7962] ab133637

Recombinant RabMAb

[4 References](#) [5 Images](#)

### Overview

<b>Product name</b>	Anti-HACE1 antibody [EPR7962]
<b>Description</b>	Rabbit monoclonal [EPR7962] to HACE1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> ICC or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide within Human HACE1 aa 850 to the C-terminus (C terminal). The exact sequence is proprietary.
<b>Positive control</b>	293T and SH-SY5Y cell lysates
<b>General notes</b>	

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#).

**We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.**

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in

our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR7962
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab133637** 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 - 1/10000. Predicted molecular weight: 102 kDa.

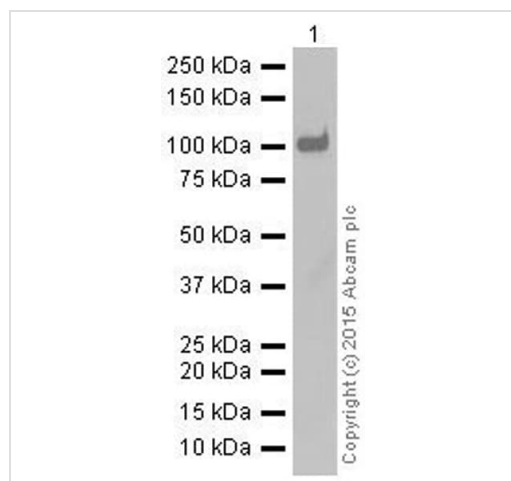
**Application notes** Is unsuitable for ICC or IHC-P.

## Target

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**Relevance** E3 ubiquitin-protein ligase that may function in cellular proteins degradation. HACE1 has also been shown to be down-regulated in many human tumours and is a putative candidate tumor suppressor.

**Cellular localization** Cytoplasmic, Endoplasmic reticulum and Golgi Apparatus. A significant portion localizes to the endoplasmic reticulum.



Western blot - Anti-HACE1 antibody [EPR7962]  
(ab133637)

Anti-HACE1 antibody [EPR7962] (ab133637) at 1/5000 dilution  
(purified) + Rat brain lysate at 20  $\mu$ g

**Secondary**

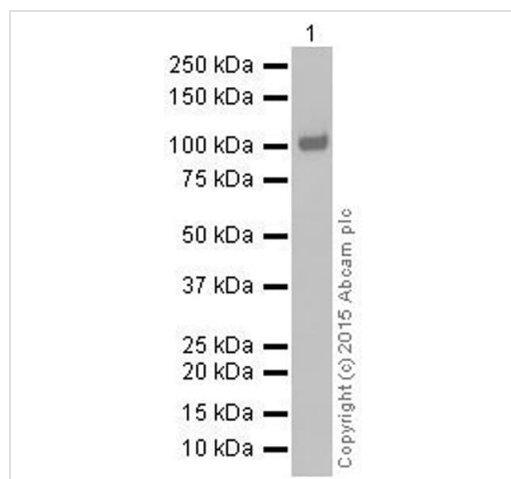
Anti-rabbit IgG (HRP), specific to the non-reduced form of IgG at  
1/1000 dilution

**Predicted band size:** 102 kDa

**Observed band size:** 102 kDa

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



Western blot - Anti-HACE1 antibody [EPR7962]  
(ab133637)

Anti-HACE1 antibody [EPR7962] (ab133637) at 1/5000 dilution  
(purified) + Mouse brain lysate at 20  $\mu$ g

**Secondary**

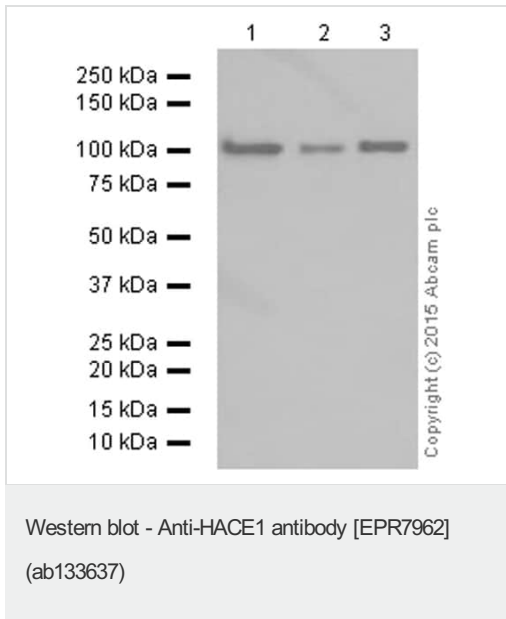
Anti-rabbit IgG (HRP), specific to the non-reduced form of IgG at  
1/1000 dilution

**Predicted band size:** 102 kDa

**Observed band size:** 102 kDa

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



**All lanes** : Anti-HACE1 antibody [EPR7962] (ab133637) at 1/1000 dilution (purified)

**Lane 1** : HEK293 whole cell lysate

**Lane 2** : SH-SY5Y whole cell lysate

**Lane 3** : Human fetal brain lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

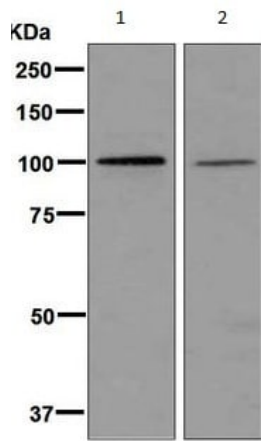
**All lanes** : Anti-rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

**Predicted band size:** 102 kDa

**Observed band size:** 102 kDa

Blocking buffer: 5% NFDm/TBST

Dilution buffer: 5% NFDm/TBST



**All lanes :** Anti-HACE1 antibody [EPR7962] (ab133637) at 1/1000 dilution (unpurified)

**Lane 1 :** 293T cell lysate

**Lane 2 :** SH-SY5Y cell lysate at 10 µg

**Secondary**

**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 102 kDa

Western blot - Anti-HACE1 antibody [EPR7962] (ab133637)

### Why choose a recombinant antibody?

 <b>Research with confidence</b> Consistent and reproducible results	 <b>Long-term and scalable supply</b> Recombinant technology
 <b>Success from the first experiment</b> Confirmed specificity	 <b>Ethical standards compliant</b> Animal-free production

Anti-HACE1 antibody [EPR7962] (ab133637)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors