

Product datasheet

Anti-RNF115 antibody [EPR14539] ab187642

Recombinant RabMAb

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

Overview

Product name	Anti-RNF115 antibody [EPR14539]
Description	Rabbit monoclonal [EPR14539] to RNF115
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal brain lysate; PC-3, Hela, Raw264.7, PC-12 and NIH/3T3 cell lysate.
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: 7.2</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	EPR14539
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab187642 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 - 1/2000. Predicted molecular weight: 34 kDa.

Target

Function

Acts as an E2-dependent E3 ubiquitin-protein ligase. May be involved in endocytic trafficking.

Tissue specificity

Expressed at extremely low levels in normal breast, prostate, lung, colon. Higher levels of expression are detected in heart, skeletal muscle, testis as well as in breast and prostate cancer cells.

Pathway

Protein modification; protein ubiquitination.

Sequence similarities

Contains 1 RING-type zinc finger.

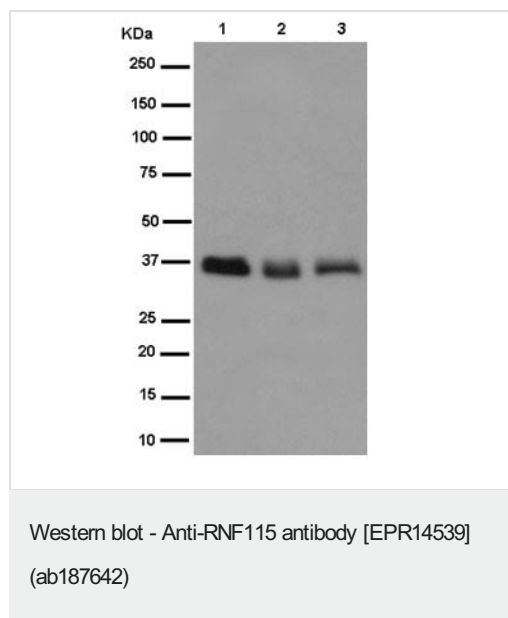
Post-translational modifications

RING-type zinc finger-dependent and E2-dependent autoubiquitination.

Cellular localization

Cytoplasm > cytosol. The GTP-bound form of RAB7A recruits RNF115 from the cytosol onto late endosomes/lysosomes.

Images



All lanes : Anti-RNF115 antibody [EPR14539] (ab187642) at 1/1000 dilution

Lane 1 : RAW 264.7 cell lysate

Lane 2 : PC-12 cell lysate

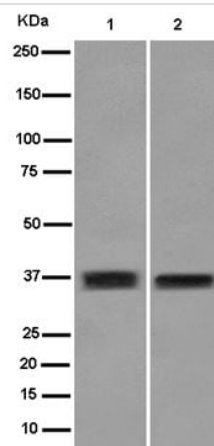
Lane 3 : NIH/3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 34 kDa



Western blot - Anti-RNF115 antibody [EPR14539]
(ab187642)

All lanes : Anti-RNF115 antibody [EPR14539] (ab187642) at 1/2000 dilution

Lane 1 : Human fetal brain lysate

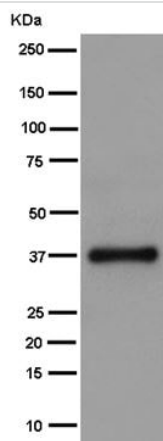
Lane 2 : HeLa lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 34 kDa



Western blot - Anti-RNF115 antibody [EPR14539]
(ab187642)

Anti-RNF115 antibody [EPR14539] (ab187642) at 1/1000 dilution + PC-3 cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 34 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-RNF115 antibody [EPR14539] (ab187642)

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

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