

Product datasheet

Anti-Fbx32 antibody [EPR9148(2)] ab168372

Recombinant RabMAb

★★★★★ [2 Abreviews](#) [82 References](#) [6 Images](#)

Overview

Product name	Anti-Fbx32 antibody [EPR9148(2)]
Description	Rabbit monoclonal [EPR9148(2)] to Fbx32
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide corresponding to Human Fbx32. Database link: Q969P5
Positive control	Human skeletal muscle, mouse heart, mouse muscle and rat muscle lysates; A673 cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 0.05% BSA, 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9148(2)
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab168372 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	★★★★★ (2)	1/1000 - 1/2000. Detects a band of approximately 42 kDa (predicted molecular weight: 42 kDa).
ICC/IF		1/200.

Application notes

Is unsuitable for IHC-P.

Target

Function

Substrate recognition component of a (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins during skeletal muscle atrophy. Recognizes TERF1.

Tissue specificity

Specifically expressed in cardiac and skeletal muscle.

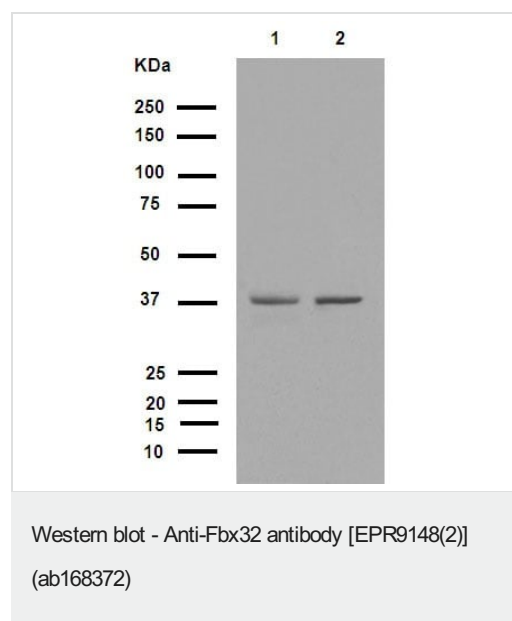
Pathway

Protein modification; protein ubiquitination.

Sequence similarities

Contains 1 F-box domain.

Images



All lanes : Anti-Fbx32 antibody [EPR9148(2)] (ab168372) at 1/1000 dilution (Purified)

Lane 1 : Mouse muscle

Lane 2 : Rat muscle

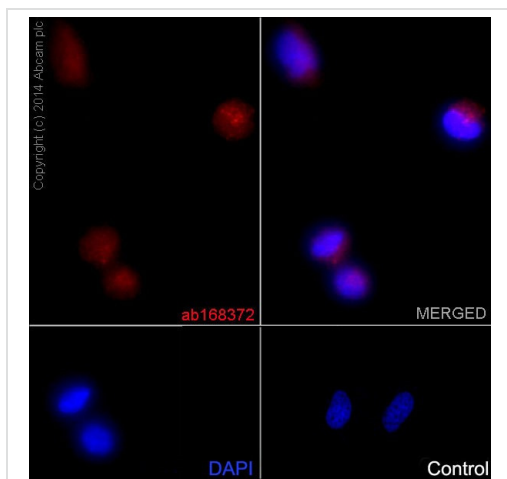
Lysates/proteins at 20 µg per lane.

Predicted band size: 42 kDa

Observed band size: 42 kDa

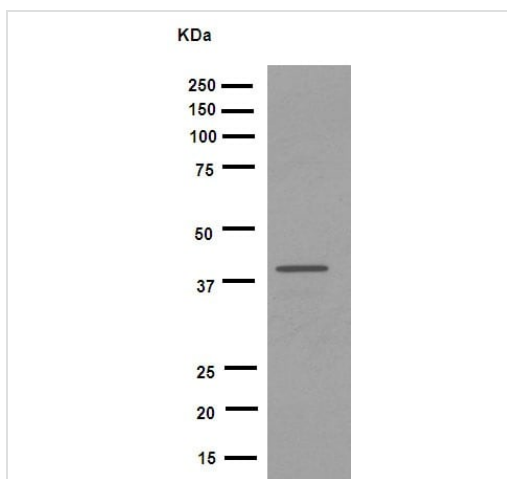
Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Immunocytochemistry/ Immunofluorescence - Anti-Fbx32 antibody [EPR9148(2)] (ab168372)

Immunofluorescent staining of A673 cells (fixed in 4% PFA) using purified ab168372 at a dilution of 1/200. An Alexa Fluor® 555 goat anti-rabbit ([ab150082](#)) was used at a dilution of 1/500 and the cells were counter-stained with DAPI. The negative control is shown in the bottom right hand panel - for the negative control, purified ab168372 was used at a dilution of 1/200 followed by an Alexa Fluor® 488 goat anti-mouse antibody at a dilution of 1/400.



Western blot - Anti-Fbx32 antibody [EPR9148(2)] (ab168372)

Anti-Fbx32 antibody [EPR9148(2)] (ab168372) at 1/1000 dilution (Purified) + Human skeletal muscle at 10 µg

Secondary

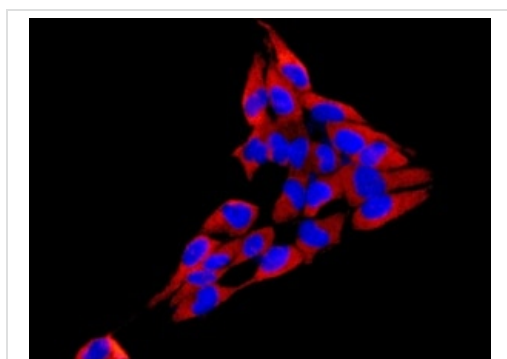
HRP anti-rabbit IgG (specific to non-reduced IgG) at 1/1000 dilution

Predicted band size: 42 kDa

Observed band size: 42 kDa

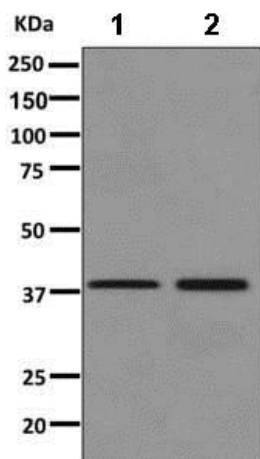
Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Immunocytochemistry/ Immunofluorescence - Anti-Fbx32 antibody [EPR9148(2)] (ab168372)

Immunofluorescent analysis of A673 cells labeling Fbx32 with ab168372 at 1/250 dilution.



Western blot - Anti-Fbx32 antibody [EPR9148(2)] (ab168372)

All lanes : Anti-Fbx32 antibody [EPR9148(2)] (ab168372) at 1/1000 dilution (unpurified)

Lane 1 : mouse heart lysate

Lane 2 : rat muscle lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 42 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-Fbx32 antibody [EPR9148(2)] (ab168372)

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

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