

Product datasheet

Anti-FNIP1 antibody [EPR20832] ab215725

Recombinant RabMAb

3 Images

Overview

Product name	Anti-FNIP1 antibody [EPR20832]
Description	Rabbit monoclonal [EPR20832] to FNIP1
Host species	Rabbit
Specificity	Expression levels of the target protein vary with sample type and some optimisation may be required.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Mouse muscle and testis tissue lysates; L-929 whole 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	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20832

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab215725 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. Detects a band of approximately 150 kDa (predicted molecular weight: 130 kDa).

Target

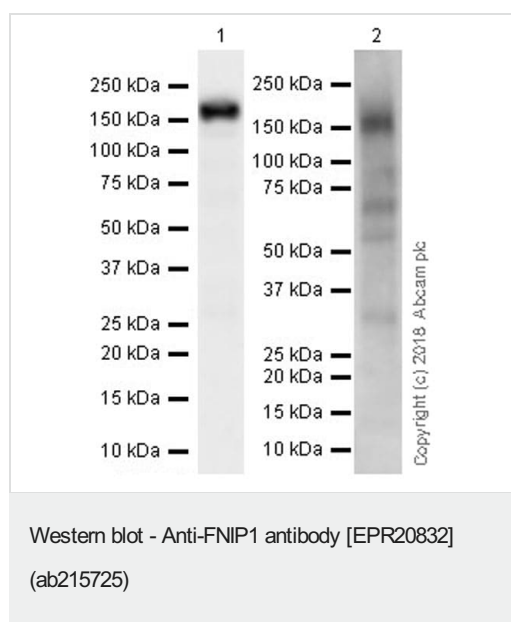
Relevance

May be involved in energy and/or nutrient sensing through the AMPK and mTOR signaling pathways. May regulate phosphorylation of RPS6KB1.

Cellular localization

Cytoplasm. Note: Co-localizes with FLCN in the cytoplasm.

Images



All lanes : Anti-FNIP1 antibody [EPR20832] (ab215725) at 1/1000 dilution

Lane 1 : Mouse testis lysate

Lane 2 : L-929 (mouse connective tissue fibroblast cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

Lane 1 : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Lane 2 : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 130 kDa

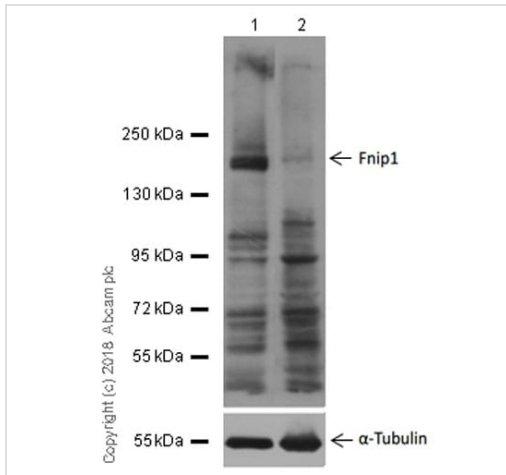
Observed band size: 150 kDa

Blocking and dilution buffer: 5% NFD/MTBST.

Exposure times.

Lane 1: 1 minute; Lane 2: 70 seconds.

The molecular mass observed is consistent with what has been described in the literature (PMID: 17028174). The specific Fnip1 band is around 150 kDa; the other bands are non-specific. Lane 2 was developed using a high sensitivity ECL substrate. Expression levels of the target protein vary with sample type and some optimisation may be required



Western blot - Anti-FNIP1 antibody [EPR20832] (ab215725)

All lanes : Anti-FNIP1 antibody [EPR20832] (ab215725) at 1/500 dilution

Lane 1 : Mouse muscle lysate

Lane 2 : FNIP1 knockout mouse muscle lysate

Lysates/proteins at 75 µg per lane.

Secondary

All lanes : Peroxidase-AffiniPure Goat Anti-Rabbit IgG (H+L) at 1/7500 dilution

Predicted band size: 130 kDa

Observed band size: 150 kDa

Exposure time: 15 minutes

Blocking buffer: 7% non-fat milk diluted in TBS-T.

Dilution buffer: 1% BSA diluted in TBS.

The molecular mass observed is consistent with what has been described in the literature (PMID: 17028174).

The image was kindly provided by our collaborator Dr. Zhenji Gan, Nanjing University.

The specific Fnip1 band is around 150 kDa; the other bands are non-specific. Expression levels of the target protein vary with sample type and some optimisation may be required.

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-FNIP1 antibody [EPR20832] (ab215725)

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

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