


Product datasheet

Anti-FNTA antibody - C-terminal ab186136

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

Overview

Product name	Anti-FNTA antibody - C-terminal
Description	Rabbit polyclonal to FNTA - C-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Rhesus monkey, Gorilla, Common marmoset 
Immunogen	Synthetic peptide within Human FNTA aa 329-379 (C terminal). The exact sequence is proprietary. NP_002018.1. Sequence: NKEDILNKALELCEILAKEKDTIRKEYWRYIGRSLQSKHSTE NDSPTNVQ Q Database link: P49354 Run BLAST with Run BLAST with
Positive control	HeLa, 293T and Jurkat whole cell lysates.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>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.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>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.</p> <p>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.</p> <p>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</p>

customer reviews and Q&As.

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 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
Purity	pH 7 to 8 Immunogen affinity purified
Purification notes	ab186136 was affinity purified using an epitope specific to FNTA immobilized on a solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab186136** in the following tested applications.

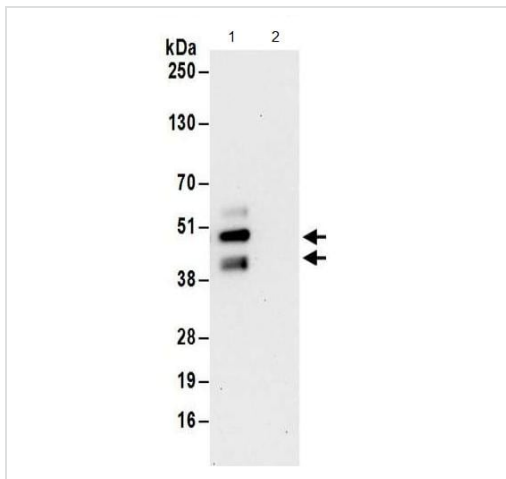
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 44 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

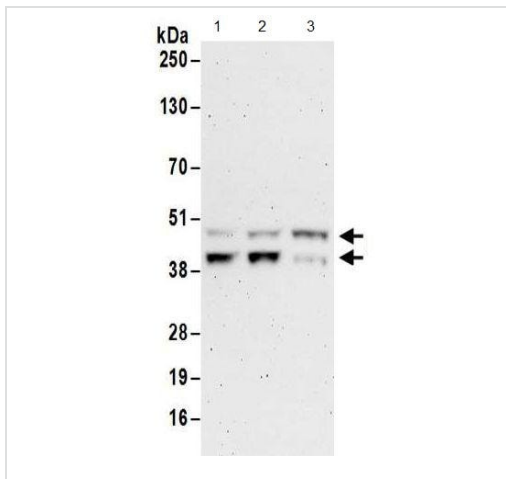
Function	Catalyzes the transfer of a farnesyl or geranyl-geranyl moiety from farnesyl or geranyl-geranyl pyrophosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X. The alpha subunit is thought to participate in a stable complex with the substrate. The beta subunit binds the peptide substrate. Through RAC1 prenylation and activation may positively regulate neuromuscular junction development downstream of MUSK.
Sequence similarities	Belongs to the protein prenyltransferase subunit alpha family. Contains 5 PFTA repeats.
Post-translational modifications	Phosphorylated. Phosphorylation is mediated by MUSK upon AGRIN stimulation and results in the activation of FNTA.

Images



Immunoprecipitation - Anti-FNTA antibody - C-terminal (ab186136)

Detection of FNTA in Immunoprecipitates of 293T whole cell lysates (1 mg for IP, 20% of IP loaded) using ab186136 at 6 µg per reaction for IP (Lane 1). For WB detection, ab186136 was used at 1 µg/ml. Lane 2 Control IgG IP. Detection: Chemiluminescence with an exposure time of 30 seconds.



Western blot - Anti-FNTA antibody - C-terminal (ab186136)

All lanes : Anti-FNTA antibody - C-terminal (ab186136) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : 293T whole cell lysate

Lane 3 : Jurkat whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 44 kDa

Exposure time: 3 minutes

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

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