

Product datasheet

Anti-AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172) antibody ab194920

[6 References](#) [1 Image](#)

Overview

Product name	Anti-AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172) antibody
Description	Rabbit polyclonal to AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172)
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide within Human AMPK alpha 1 (phospho T183). The exact sequence is proprietary. This phospho site has 100% homology to AMPK alpha 2 (phospho T172) Database link: Q13131
Positive control	WB: C2C12 cells treated by Oligomycin.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</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: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 49% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab194920 in the following tested applications.

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

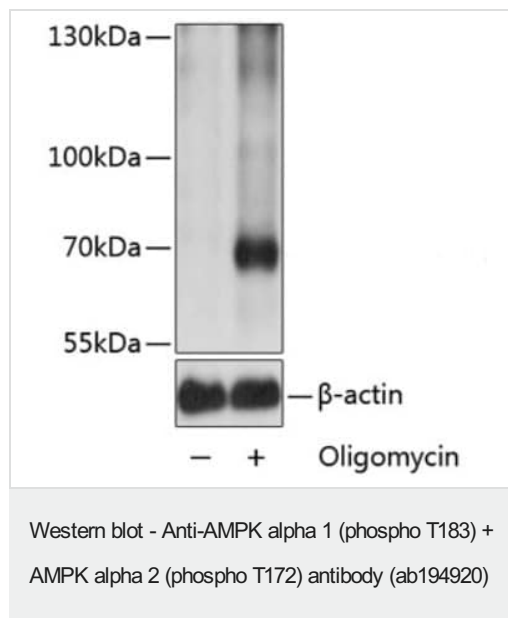
Application	Abreviews	Notes
WB		1/500 - 1/2000.

Target

Cellular localization

AMPK alpha 2: Cytoplasm. Nucleus. In response to stress, recruited by p53/TP53 to specific promoters.

Images



All lanes : Anti-AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172) antibody (ab194920) at 1/2000 dilution

Lane 1 : C2C12 cell lysate

Lane 2 : Treated C2C12 cell lysate, cells were treated by Oligomycin (0.5uM) for 30 minutes.

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : HRP Goat Anti-Rabbit IgG (H+L)

Developed using the ECL technique.

Exposure time: 1 second

Blocking buffer: 3% BSA.

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