

Anti-UCP3 + UCP1 antibody [EPR19006] ab193470

重组 RabMAb

1 References [6 图像](#)

概述

产品名称	Anti-UCP3 + UCP1抗体[EPR19006]
描述	兔单克隆抗体[EPR19006] to UCP3 + UCP1
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Mouse UCP1 full length recombinant protein; Mouse UCP3 full length recombinant protein; Mouse muscle and brown adipose lysates; Rat brown adipose lysate. IP: Mouse skeletal muscle whole cell lysate
常规说明	<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>

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR19006

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab193470于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

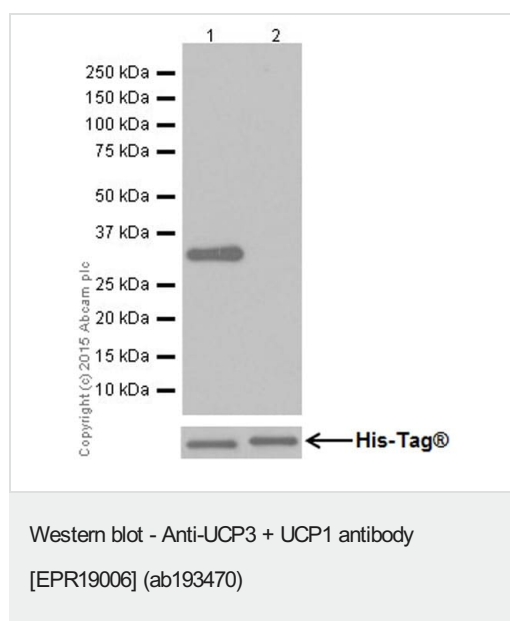
应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 34 kDa (predicted molecular weight: 34, 33 kDa).
IP		1/50.

靶标

细胞定位

UCP3: Mitochondrion inner membrane. UCP1: Mitochondrion inner membrane.

图片



All lanes : Anti-UCP3 + UCP1 antibody [EPR19006] (ab193470) at 1/1000 dilution

Lane 1 : Mouse UCP1 full length recombinant protein

Lane 2 : Mouse UCP2 full length recombinant protein

Lysates/proteins at 0.02 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

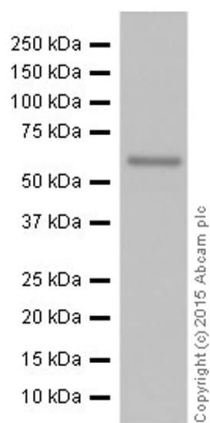
Predicted band size: 34, 33 kDa

Observed band size: 34 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.

Mouse UCP1 full length recombinant protein contains aa1-307 with a His-Tag®. Mouse UCP2 full length recombinant protein contains aa1-309 with a His-Tag®. These two full length recombinant proteins were made in-house



Western blot - Anti-UCP3 + UCP1 antibody
[EPR19006] (ab193470)

Anti-UCP3 + UCP1 antibody [EPR19006] (ab193470) at 1/1000 dilution + Mouse UCP3 full length recombinant protein at 0.02 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

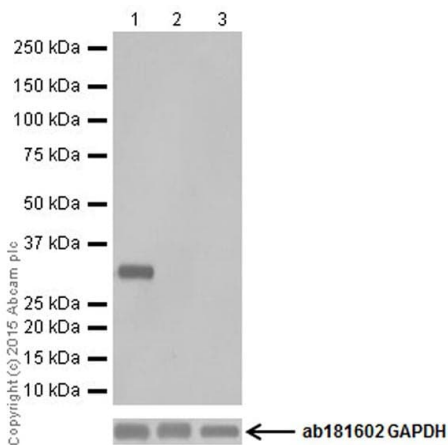
Predicted band size: 34, 33 kDa

Observed band size: 34 kDa

Exposure time: 1 second

Blocking/Dilution buffer: 5% NFDm/TBST.

Mouse UCP3 full length recombinant protein contains aa1-308 with a GST-Tag. This full length recombinant protein was made in-house.



Western blot - Anti-UCP3 + UCP1 antibody
[EPR19006] (ab193470)

All lanes : Anti-UCP3 + UCP1 antibody [EPR19006] (ab193470) at 1/1000 dilution

Lane 1 : Mouse muscle tissue lysate

Lane 2 : Mouse lung tissue lysate

Lane 3 : C2C12 (Mouse myoblast cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

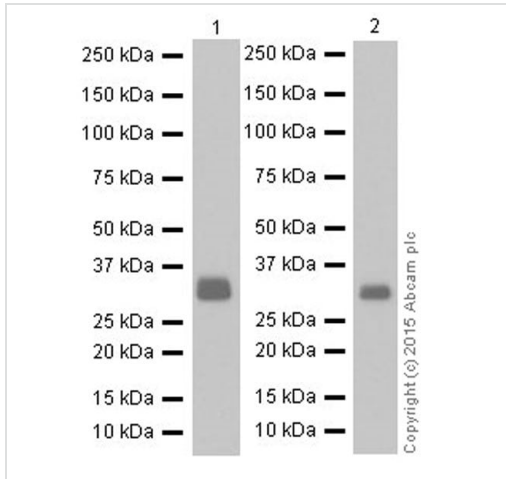
Predicted band size: 34, 33 kDa

Observed band size: 34 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.

The expression profile observed is consistent with what has been described in the literature (PMID: 9080264)



Western blot - Anti-UCP3 + UCP1 antibody [EPR19006] (ab193470)

All lanes : Anti-UCP3 + UCP1 antibody [EPR19006] (ab193470) at 1/1000 dilution

Lane 1 : Mouse brown adipose lysate

Lane 2 : Rat brown adipose lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

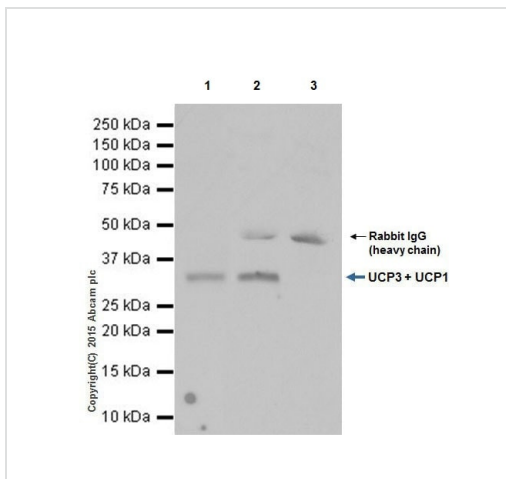
Predicted band size: 34, 33 kDa

Observed band size: 34 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure time: Lane 1: 1 minute; Lane 2: 15 seconds.

The expression profile observed is consistent with what has been described in the literature (PMID: 9080264).



Immunoprecipitation - Anti-UCP3 + UCP1 antibody [EPR19006] (ab193470)

UCP3 + UCP1 were immunoprecipitated from 1mg of Mouse skeletal muscle whole cell lysate with ab193470 at 1/50 dilution. Western blot was performed from the immunoprecipitate using ab193470 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/1000 dilution.

Lane 1: Mouse skeletal muscle whole cell lysate, 10µg (Input).

Lane 2: ab193470 IP in Mouse skeletal muscle whole cell lysate.

Lane 3: Rabbit IgG, monoclonal - Isotype Control (**ab172730**) instead of ab193470 in Mouse skeletal muscle whole cell lysate.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 1 second.

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-UCP3 + UCP1 antibody [EPR19006]
(ab193470)

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

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