


Anti-UCP3 antibody [mAbcam61299] ab61299

1 图像

概述

产品名称	Anti-UCP3抗体[mAbcam61299]
描述	小鼠单克隆抗体[mAbcam61299] to UCP3
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Pig, Macaque monkey 
免疫原	Synthetic peptide within Human UCP3 aa 100-200 conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary. Database link: P55916 (Peptide available as ab100825)
阳性对照	This antibody gave a positive signal in human skeletal muscle tissue lysate.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA
纯度	Concentrated Culture Supernatant
纯化说明	Tissue culture supernatant was cross-flow concentrated and buffer exchanged to PBS.

克隆	单克隆
克隆编号	mAbcam61299
骨髓瘤	Sp2/0-Ag14
同种型	IgM

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab61299于以下的经测试应用

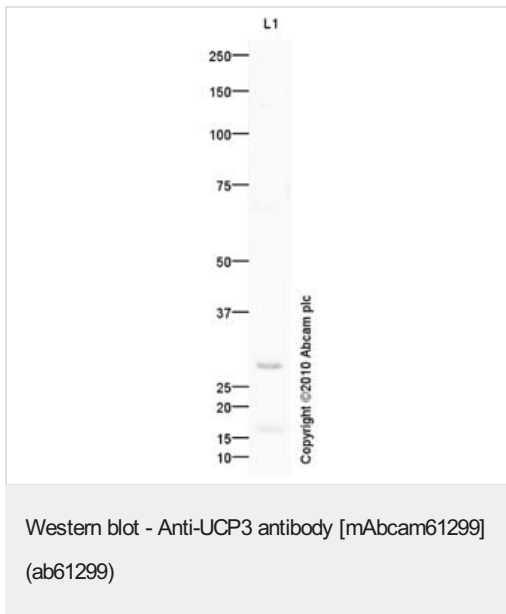
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 10 µg/ml. Detects a band of approximately 34 kDa (predicted molecular weight: 34 kDa).

靶标

功能	UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation. As a result, energy is dissipated in the form of heat. May play a role in the modulation of tissue respiratory control. Participates in thermogenesis and energy balance.
组织特异性	Only in skeletal muscle and heart. Is more expressed in glycolytic than in oxidative skeletal muscles.
疾病相关	Defects in UCP3 may be involved in obesity (OBESITY) [MIM:601665]. It is a condition characterized by an increase of body weight beyond the limitation of skeletal and physical requirements, as the result of excessive accumulation of body fat.
序列相似性	Belongs to the mitochondrial carrier family. Contains 3 Solcar repeats.
细胞定位	Mitochondrion inner membrane.
形式	UCP3 is preferentially expressed in muscle

图片



Anti-UCP3 antibody [mAbcam61299] (ab61299) at 10 µg/ml +
Human skeletal muscle tissue lysate - total protein (**ab29330**) at 10
µg

Secondary

Goat polyclonal Secondary Antibody to Mouse IgM - H&L (HRP),
pre-adsorbed at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 34 kDa

Observed band size: 30 kDa

Additional bands at: 17 kDa. We are unsure as to the identity of
these extra bands.

Exposure time: 2 minutes

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

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