

### Anti-FABP4 antibody ab66682

★★★★★ [1 Abreviews](#) [18 References](#) [2 图像](#)

#### 概述

产品名称	Anti-FABP4抗体
描述	兔多克隆抗体to FABP4
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human FABP4 aa 100 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab66681</a> )
常规说明	<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&amp;As</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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration &lt; 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab66682于以下的经测试应用

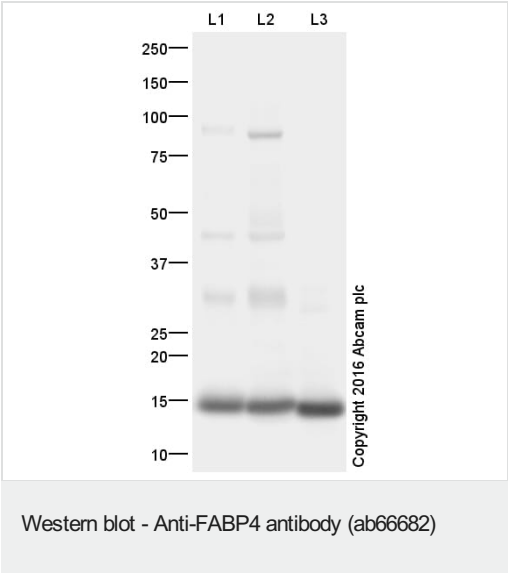
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 15 kDa (predicted molecular weight: 15 kDa).

靶标

功能	Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus.
序列相似性	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
结构域	Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.
细胞定位	Cytoplasm. Nucleus. Depending on the nature of the ligand, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus. Subject to constitutive nuclear export.

图片



**All lanes** : Anti-FABP4 antibody (ab66682) at 1 µg/ml

**Lane 1** : Human adipose normal tissue lysate - total protein (**ab28980**)

**Lane 2** : P7 Mouse Adipose Tissue Lysate

**Lane 3** : Adult Rat Brown Adipose Tissue Lysate (**ab48639**)

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes** : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/50000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

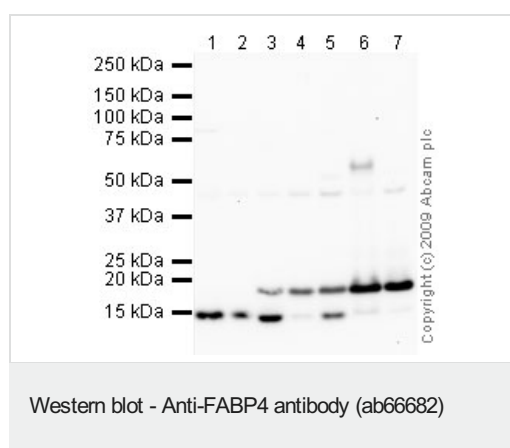
**Predicted band size:** 15 kDa

**Observed band size:** 15 kDa

**Additional bands at:** 30 kDa, 44 kDa, 85 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 10 seconds

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab66682 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution **ab133406**.



**All lanes :** Anti-FABP4 antibody (ab66682) at 1 µg/ml

**Lane 1 :** Mouse skeletal muscle tissue lysate - total protein (**ab29711**)

**Lane 2 :** Mouse thymus tissue lysate - total protein (**ab29285**)

**Lane 3 :** Rat Ovary Tissue Lysate

**Lane 4 :** Rat Colon Tissue Lysate

**Lane 5 :** Rat Thymus Tissue Lysate

**Lane 6 :** HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

**Lane 7 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

**Predicted band size:** 15 kDa

**Observed band size:** 15 kDa

**Additional bands at:** 18 kDa (possible post-translational modification)

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

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