

# Anti-I-FABP antibody [EPR7136] - BSA and Azide free ab248190

リコンビナント RabMAb

画像数 3

### 製品の概要

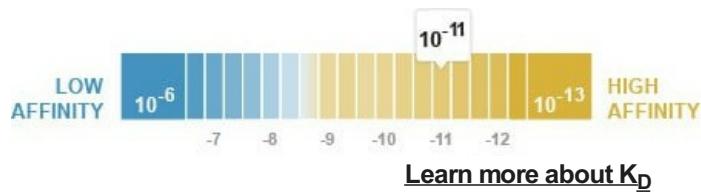
製品名	Anti-I-FABP antibody [EPR7136] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7136] to I-FABP - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human, Rat and Mouse small intestine lysates.
特記事項	<p>ab248190 is the carrier-free version of <a href="#">ab128860</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### 製品の特性

製品の状態 Liquid

保存方法 Shipped at 4°C. Store at +4°C. Do Not Freeze.

解離定数 (K<sub>D</sub> 値) K<sub>D</sub> = 2.90 x 10<sup>-11</sup> M



バッファー pH: 7.2  
Constituent: PBS

キャリア・フリー はい

精製度 Protein A purified

ポリ/モノ モノクローナル

クローン名 EPR7136

アイソタイプ IgG

#### アプリケーション

**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab248190の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 15 kDa.

#### ターゲット情報

**機能** FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor.

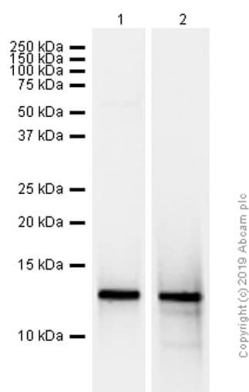
**組織特異性** Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum.

**配列類似性** Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

**ドメイン** Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.

**細胞内局在** Cytoplasm.

#### 画像



Western blot - Anti-I-FABP antibody [EPR7136] - BSA and Azide free (ab248190)

**All lanes :** Anti-I-FABP antibody [EPR7136] ([ab128860](#)) at 1/10000 dilution (Purified)

**Lane 1 :** Human small intestine lysates

**Lane 2 :** Mouse small intestine lysates

Lysates/proteins at 15 µg per lane.

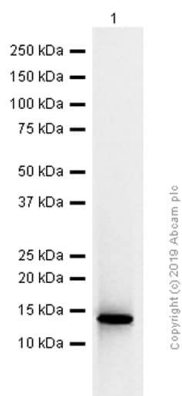
### Secondary

**All lanes :** Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 15 kDa

**Observed band size:** 14 kDa

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab128860](#)).



Western blot - Anti-I-FABP antibody [EPR7136] - BSA and Azide free (ab248190)

Anti-I-FABP antibody [EPR7136] ([ab128860](#)) at 1/1000 dilution (Purified) + Rat small intestine lysates at 15 µg

### Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 15 kDa

**Observed band size:** 14 kDa

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### 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

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

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