

# Anti-FABP4 antibody ab13979

★★★★☆ [2 Abreviews](#) [37 References](#) [画像数 4](#)

### 製品の概要

製品名	Anti-FABP4 antibody
製品の詳細	Rabbit polyclonal to FABP4
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length protein (Human).
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Constituents: 0.134% PBS, 0.58% Sodium chloride
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

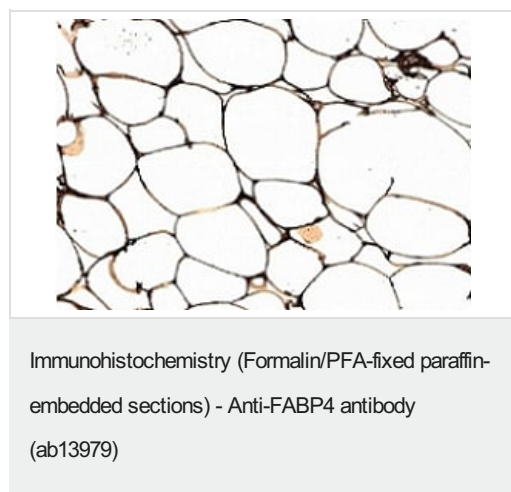
**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab13979の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (1)	1/200.

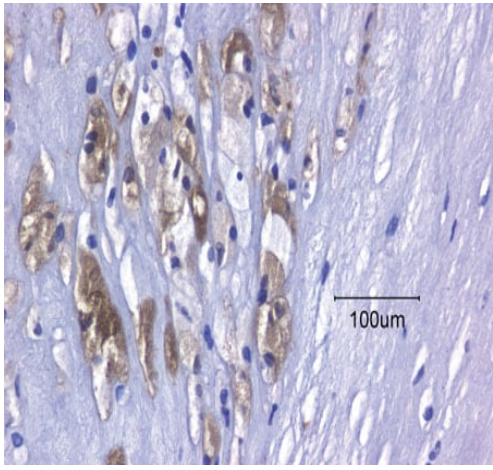
## ターゲット情報

機能	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.
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 hydrophobic ligands in its interior.
細胞内局在	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.

## 画像



Immunohistochemical analysis of FFPE human adipose tissue, labeling FABP4 with ab13979 (2µg/ml). DAB staining.

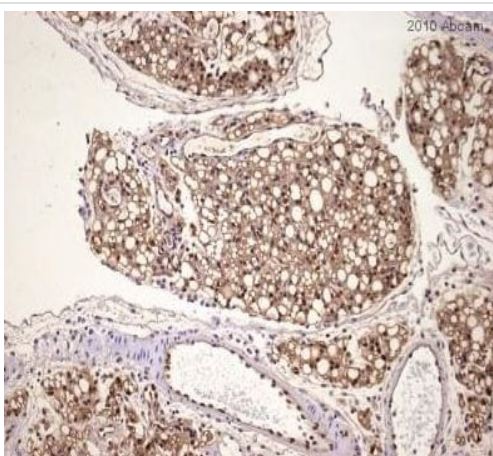


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FABP4 antibody (ab13979)

Image from Holm S et al., PLoS One. 2011;6(12):e28785. Epub 2011 Dec 9. Fig 3.; doi:10.1371/journal.pone.0028785; December 9, 2011, PLoS ONE 6(12): e28785.

Immunohistochemical analysis of Human carotid atherosclerotic plaques, staining FABP4 with ab13979.

Antigen retrieval was performed by heat mediation in a citrate buffer (pH 6) and blocked with 0.5% BSA. Sections were incubated with primary antibody for 1 hour at room temperature. Staining was detected using DAB.

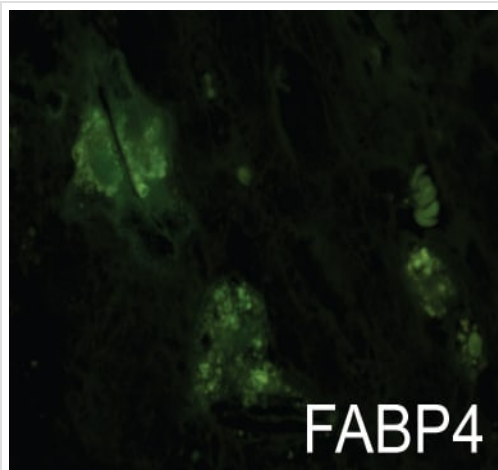


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FABP4 antibody (ab13979)

This image is courtesy of an anonymous Abreview.

Immunohistochemical analysis of FFPE mouse pancreatic and peri-pancreatic fatty tissue, labeling FABP4 with ab13979. Tissue was fixed in 10% neutral buffered formalin, heat mediated antigen retrieval was performed using citrate buffer, and blocking was performed with 10% goat serum and 1% BSA in TBST for 1 hour at 25°C.

Staining with ab13979 (diluted 1/500) was performed for 12 hours at 4°C. A goat anti-rabbit HRP-conjugated secondary was used, diluted 1/200.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FABP4 antibody (ab13979)

Image from Holm S et al., PLoS One. 2011;6(12):e28785. Epub 2011 Dec 9. Fig 3.; doi:10.1371/journal.pone.0028785; December 9, 2011, PLoS ONE 6(12): e28785.

Immunohistochemical analysis of Human carotid atherosclerotic plaques, staining FABP4 with ab13979.

Antigen retrieval was performed by heat mediation in a citrate buffer (pH 6) and blocked with 0.5% BSA. Sections were incubated with primary antibody for 1 hour at room temperature. An AlexaFluor®488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

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

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