

Product datasheet

Anti-FABP4 antibody [EPR3579] ab92501

リコンビナント RabMAb®

★★★★☆ 2 Abreviews 20 References 画像数 2

製品の概要

製品名	Anti-FABP4 antibody [EPR3579]
製品の詳細	Rabbit monoclonal [EPR3579] to FABP4
由来種	Rabbit
特異性	Ab92501 may cross-react with FABP, FABP3 and FABP9 based on the blast alignments.
アプリケーション	適用あり: WB, ICC/IF, IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	A synthetic peptide corresponding to residues in Human FABP4.
ポジティブ・コントロール	Human adipose tissue and fetal heart lysates.
特記事項	Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents This product is a recombinant rabbit monoclonal antibody.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR3579
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab92501** in the following tested applications.

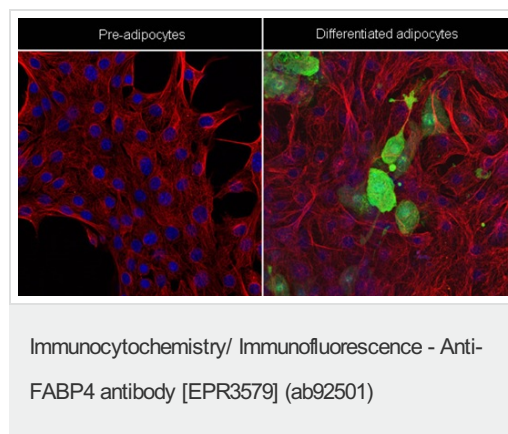
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB	★★★★☆	1/1000 - 1/5000. Detects a band of approximately 15 kDa (predicted molecular weight: 15 kDa).
ICC/IF		1/1000.
IHC-P		Use at an assay dependent concentration. PubMed: 21489227

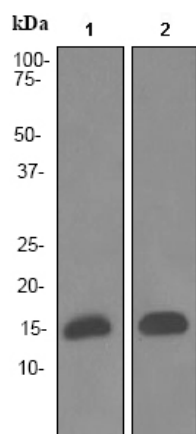
ターゲット情報

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



FABP4 (green) was detected using FABP4 primary antibody (ab92501; diluted 1/1000). Alpha tubulin (red) was detected using our mouse monoclonal (ab7291) antibody. Cells were imaged by confocal microscopy, using z-stack for adipocyte-like cells.



Western blot - Anti-FABP4 antibody [EPR3579]
(ab92501)

All lanes : Anti-FABP4 antibody [EPR3579]
(ab92501) at 1/1000 dilution

Lane 1 : Human adipose
tissue lysate

Lane 2 : Human fetal heart lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : goat anti-rabbit HRP at 1/2000
dilution

Predicted band size: 15 kDa

Observed band size: 15 kDa

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