

Anti-Angiopoietin-like 4/ANGPTL4 antibody ab115798

5 References [画像検索?](#)

医薬用外劇物

製品の概要

製品名	Anti-Angiopoietin-like 4/ANGPTL4 antibody
製品の詳細	Rabbit polyclonal to Angiopoietin-like 4/ANGPTL4
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human Angiopoietin-like 4/ANGPTL4 (internal sequence). (Peptide available as ab123817)
ポジティブ・コントロール	Breast cancer tissue.
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&As</p>

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	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
精製度	Protein A 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ab115798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確認ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 45 kDa. The detection limit for Angiopoietin-like 4/ANGPTL4 is approximately 2.5ng/lane under non-reducing and reducing conditions.

ターゲット情報

機能

Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorigenesis. Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. May exert a protective function on endothelial cells through an endocrine action. It is directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity. In response to hypoxia, the unprocessed form of the protein accumulates in the subendothelial extracellular matrix (ECM). The matrix-associated and immobilized unprocessed form limits the formation of actin stress fibers and focal contacts in the adhering endothelial cells and inhibits their adhesion. It also decreases motility of endothelial cells and inhibits the sprouting and tube formation.

組織特異性

Expressed at high levels in the placenta, heart, liver, muscle, pancreas and lung but expressed poorly in the brain and kidney.

配列類似性

Contains 1 fibrinogen C-terminal domain.

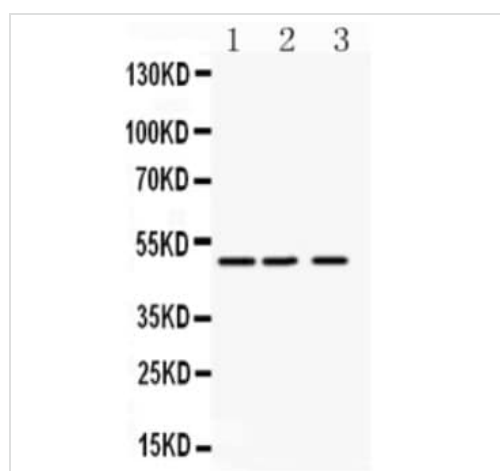
翻訳後修飾

N-glycosylated.

細胞内局在

Secreted. Secreted > extracellular space > extracellular matrix. The unprocessed form interacts with the extracellular matrix. This may constitute a dynamic reservoir, a regulatory mechanism of the bioavailability of ANGPTL4.

画像



All lanes : Anti-Angiopoietin-like 4/ANGPTL4 antibody (ab115798)

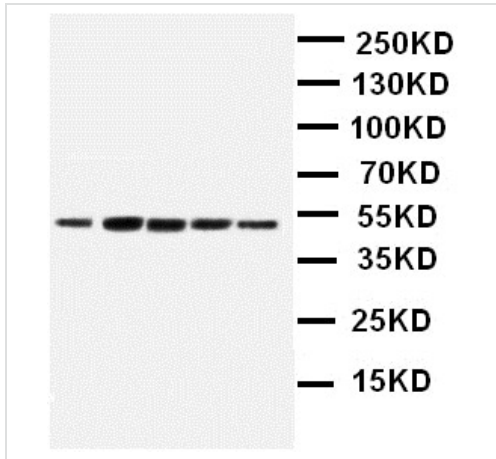
Lane 1 : Human Placenta Tissue Lysate at 50 µg

Lane 2 : SMMC Whole Cell Lysate at 40 µg

Lane 3 : HeLa Whole Cell Lysate at 40 µg

Predicted band size: 45 kDa

Western blot - Anti-Angiopoietin-like 4/ANGPTL4 antibody (ab115798)



Western blot - Anti-Angiopoietin-like 4/ANGPTL4 antibody (ab115798)

All lanes : Anti-Angiopoietin-like 4/ANGPTL4 antibody (ab115798)

Lane 1 : Smmc Whole Cell Lysate

Lane 2 : A549 Whole Cell Lysate

Lane 3 : U87 Whole Cell Lysate

Lane 4 : 293T Whole Cell Lysate

Lane 5 : SGC Whole Cell Lysate

Predicted band size: 45 kDa

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