

Anti-Angiopoietin-like 4/ANGPTL4 antibody ab115798

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概述

产品名称	Anti-Angiopoietin-like 4/ANGPTL4抗体
描述	兔多克隆抗体to Angiopoietin-like 4/ANGPTL4
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human Angiopoietin-like 4/ANGPTL4 (internal sequence). (Peptide available as ab123817)
阳性对照	Breast cancer tissue.
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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab115798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 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.

靶标

功能 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.

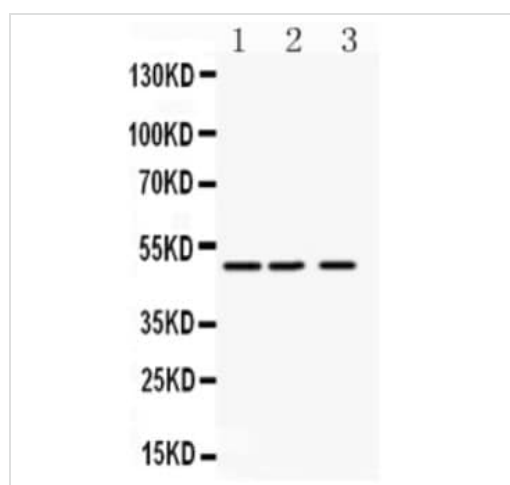
组织特异性 Expressed at high levels in the placenta, heart, liver, muscle, pancreas and lung but expressed poorly in the brain and kidney.

序列相似性 Contains 1 fibrinogen C-terminal domain.

翻译后修饰 N-glycosylated.

细胞定位 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.

图片



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

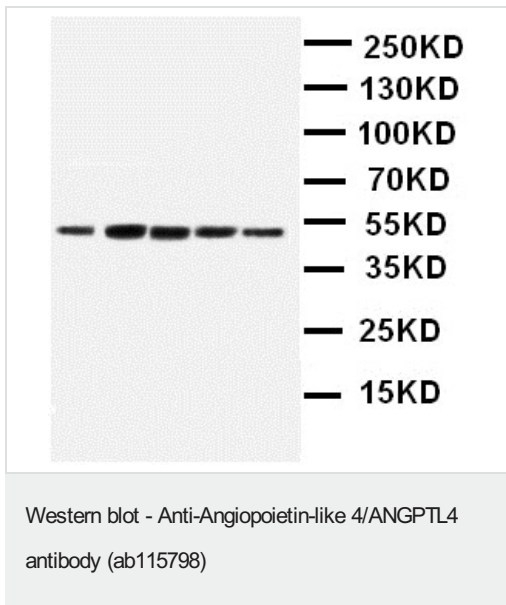
Lane 1 : Human Placenta Tissue Lysate at 50 µg

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)



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

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

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