

Rabbit anti-Mouse ANGPTL4 Polyclonal Antibody | anti-ANGPTL4 antibody

Anti-ANGPTL4 Antibody, Rabbit Polyclonal

CATALOG # AAA257140	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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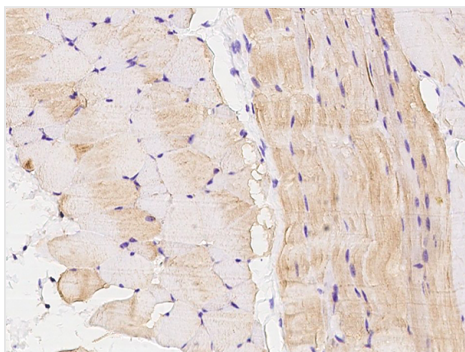
PRODUCT SYNONYMS

ANGPTL4; Polyclonal Antibody; Anti-ANGPTL4 Antibody; Rabbit Polyclonal; ANGPTL4/angiopoietin-like protein 4 Antibody; Rabbit PAb; Antigen Affinity Purified; angiopoietin-like 4; Anti-Arp4 Antibody; Anti-Bk89 Antibody; Anti-Fiaf Antibody; Anti-Hfarp Antibody; Anti-Ng27 Antibody; Anti-Pgar Antibody; Anti-Pgarg Antibody; Anti-Pp1158 Antibody; anti-ANGPTL4 antibody

PRODUCT SPECIFICATIONS

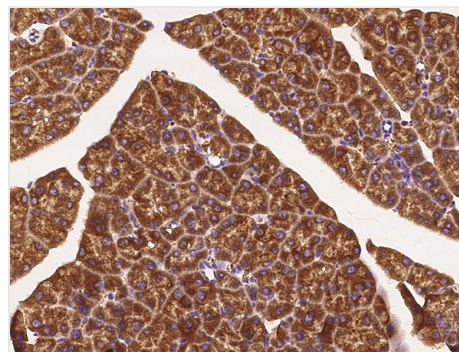
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse ANGPTL4/angiopoietin-like protein 4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ANGPTL4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse ANGPTL4/angiopoietin-like protein 4 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse ANGPTL4/angiopoietin-like protein 4 (rM ANGPTL4/angiopoietin-like protein 4). ANGPTL4/angiopoietin-like protein 4 specific IgG was purified by Mouse ANGPTL4/angiopoietin-like protein 4 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse ANGPTL4 in mouse skeletal muscle with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of mouse ANGPTL4 in mouse pancreas with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-ANGPTL4 antibody	ANGPTL4, also known as ANGPTL2, is a protein with hypoxia-induced expression in endothelial cells. It contains 1 fibrinogen C-terminal domain and is expressed at high levels in the placenta, heart, liver, muscle, pancreas and lung but expressed poorly in the brain and kidney. ANGPTL4 inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. It may act as a regulator of angiogenesis and modulate tumorigenesis. It inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. It may also exert a protective function on endothelial cells through an endocrine action. ANGPTL4 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.
References	Lichtenstein L, et al. (2010) Angptl4 Protects against Severe Proinflammatory Effects of Saturated Fat by Inhibiting Fatty Acid Uptake into Mesenteric Lymph Node Macrophages. Cell metabolism. 12(6): 580-92.Terada S, et al. (2011) Escaping Anoikis through ROS: ANGPTL4 controls integrin signaling through Nox1. Cancer Cell. 19(3):297-9.Zhu PC, et al. (2011) Angptl4 protein elevates the prosurvival intracellular O2(-):H2O2 ratio and confers anoikis resistance to tumors. Cancer Cell. 19(3):401-15.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10181164
NCBI GeneID	57875
NCBI Accession #	NP_065606.1
NCBI GenBank Nucleotide #	NM_020581.1
UniProt Accession #	Q9Z1P8; Q78ZJ9; Q9JHX7; Q9JLX7; Q3UYS5; Q8CEZ7
Molecular Weight	45,538 Da
NCBI Official Full Name	angiotensin-like 4
NCBI Official Synonym Full Names	angiotensin-like 4
NCBI Official Symbol	Angptl4
NCBI Official Synonym Symbols	Arp4; Bk89; Fiaf; Ng27; Pgar; Hfarp; Pgarg; Pp1158
NCBI Protein Information	angiotensin-related protein 4; 425O18-1; secreted protein Bk89; angiotensin-like protein 4; fasting-induced adipose factor; fibrinogen/angiotensin-related protein; major histocompatibility complex region NG27; hepatic fibrinogen/angiotensin-related pr
UniProt Protein Name	Angiotensin-related protein 4
UniProt Gene Name	Angptl4
UniProt Synonym Gene Names	Farp; Fiaf; Ng27; HFARP
UniProt Entry Name	ANGL4_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/angptl4-antibody-immunohistochemistry-elisa/257140>