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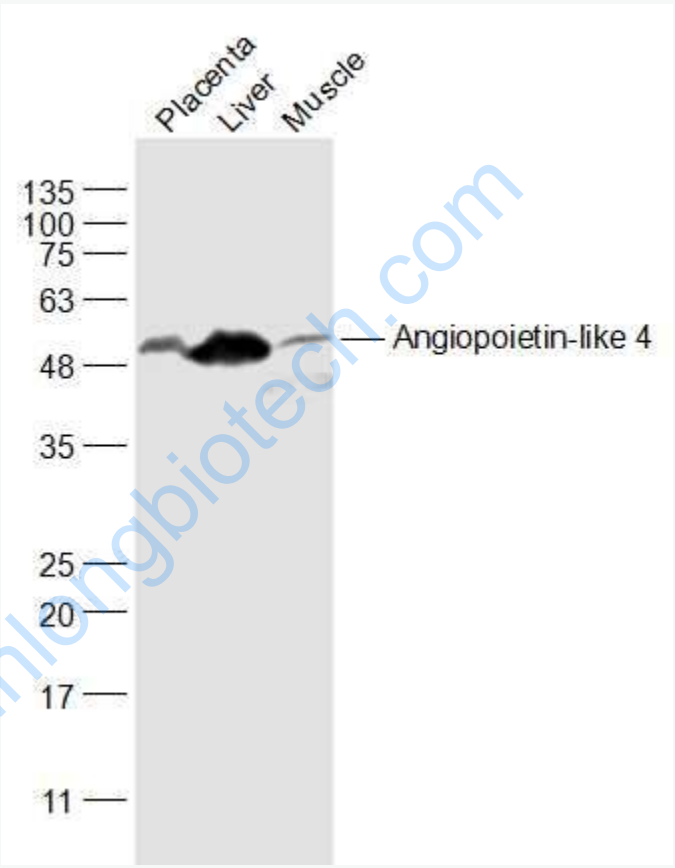
Rabbit Anti-Angiopoietin-like 4 antibody

SL5919R

Product Name:	Angiopoietin-like 4
Chinese Name:	血管生成素样蛋白4抗体
Alias:	Angiopoietin like 4; Angiopoietin related protein 4; Angiopoietin-like protein 4; Angiopoietin-related protein 4; ANGL4_HUMAN; ANGPT L2; ANGPT L4; ANGPTL2; ANGPTL4; ARP4; Fasting induced adipose factor; FIAF; Hepatic angiopoietin related protein; Hepatic fibrinogen/angiopoietin related protein; Hepatic fibrinogen/angiopoietin-related protein; HFARP; NL2; Peroxisome proliferator-activated receptor (PPAR) gamma induced angiopoietin related protein antibody PGAR; pp1158; PPARG angiopoietin related protein; PSEC0166; Weakly similar to angiopoietin 1 [H.sapiens].
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ANGPTL4/ARP4:331-406/406
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

Product Detail:	Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorgenesis. 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. **Subunit:** Homooligomer. **Subcellular Location:** Secreted. Secreted, extracellular space, extracellular matrix. **Tissue Specificity:** Expressed at high levels in the placenta, heart, liver, muscle, pancreas and lung but expressed poorly in the brain and kidney. **Similarity:** Contains 1 fibrinogen C-terminal domain. **SWISS:** Q9BY76 **Gene ID:** 51129 **Database links:** Entrez Gene: 51129Human Entrez Gene: 57875Mouse Entrez Gene: 362850Rat Omim: 605910Human SwissProt: Q9BY76Human SwissProt: Q9Z1P8Mouse SwissProt: Q6TMA8Rat Unigene: 9613Human Unigene: 196189Mouse

	Unigene: 119611Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: Placenta (Mouse) Lysate at 40 ug Liver (Mouse) Lysate at 40 ug Muscle (Rat) Lysate at 40 ug Primary: Anti-Angiopoietin-like 4 (SL5919R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD

	Observed band size: 55 kD