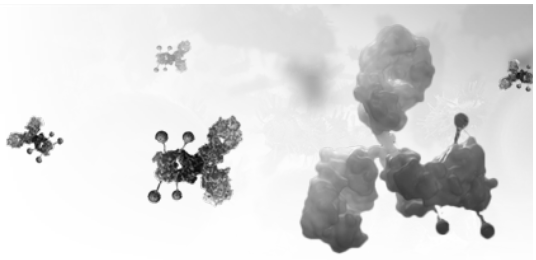

Anti-ANGPTL4 (internal region) polyclonal antibody (DPABH-05506)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide corresponding to an internal sequence of Human ARP4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	Constituents: 0.1% Sodium phosphate, 0.45% Sodium chloride, 2.5% BSA
Preservative	0.025% Sodium Azide

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ANGPTL4 angiopoietin-like 5 [Homo sapiens]
Official Symbol	ANGPTL4
Synonyms	ANGPTL4; angiopoietin-like 4; NL2; ARP4; FIAF; HARP; PGAR; HFARP; UNQ171; pp1158; ANGPTL2; angiopoietin-related protein 4; fasting-induced adipose factor; PPARG angiopoietin related protein; hepatic angiopoietin-related protein; hepatic fibrinogen/angiopoietin-related protein; peroxisome proliferator-activated receptor (PPAR) gamma induced angiopoietin-related protein;
Entrez Gene ID	51129
Protein Refseq	NP_001034756.1
UniProt ID	Q9BY76
Pathway	Developmental Biology; Metabolism; PPAR signaling pathway; PPARA activates gene expression
Function	enzyme inhibitor activity; protein binding;

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