

Polyclonal Antibody to Angiopoietin Like Protein 4 (ANGPTL4)

Angiopoietin Like Protein 4
Catalog # AP74649

Product Information

Application	WB
Primary Accession	Q2TNK5
Reactivity	Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45534

Additional Information

Gene ID	397628
Other Names	ARP4; FIAF; HFARP; NL2; PGAR; Pp1158; Fasting-Induced Adipose Factor; Hepatic Angiopoietin-Related Protein; Hepatic Fibrinogen/Angiopoietin-Related Protein
Target/Specificity	Sus scrofa; Porcine (Pig)
Dilution	WB~~Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	ANGPTL4
Synonyms	PGAR
Function	Mediates inactivation of the lipoprotein lipase LPL, and thereby plays a role in the regulation of triglyceride clearance from the blood serum and in lipid metabolism. May also play a role in regulating glucose homeostasis and insulin sensitivity. Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage (By similarity). Upon heterologous expression, inhibits the adhesion of endothelial cell to the

extracellular matrix (ECM), and inhibits the reorganization of the actin cytoskeleton, formation of actin stress fibers and focal adhesions in endothelial cells that have adhered to ANGPTL4-containing ECM (in vitro) (By similarity). Depending on context, may modulate tumor-related angiogenesis (By similarity).

Cellular Location

Secreted {ECO:0000250|UniProtKB:Q9Z1P8}. Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:Q9BY76}. Note=The unprocessed form interacts with the extracellular matrix. This may constitute a dynamic reservoir, a regulatory mechanism of the bioavailability of ANGPTL4 {ECO:0000250|UniProtKB:Q9BY76}

Images

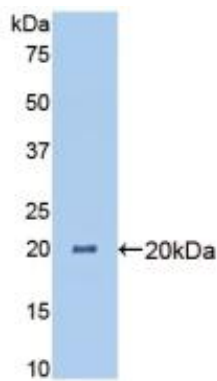


Figure. Western Blot; Sample: Recombinant ANGPTL4, Porcine.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.