

Product Name: Angiopoietin Like 4 Rabbit Monoclonal Antibody
Catalog #: AMRe01646



Summary

Production Name	Angiopoietin Like 4 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	ANGPTL4
Alternative Names	NL2; ARP4; FIAF; HARP; PGAR; HFARP; TGQTL; UNQ171; pp1158
Gene ID	51129
SwissProt ID	Q9BY76.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 45 kDa; Observed MW: 55 kDa

Background

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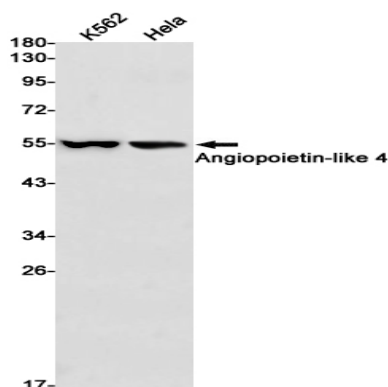


Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorigenesis. Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. May exert a protective function on endothelial cells through an endocrine 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 .

Research Area

Cardiovascular

Image Data



Western blot analysis of Angiopoietinlike 4 in K562, HeLa lysates using Angiopoietin Like 4 antibody.

Note

For research use only.