

Angiotensin Like 4 Rabbit mAb

Catalog No: #52143

Package Size: #52143-1 50ul #52143-2 100ul

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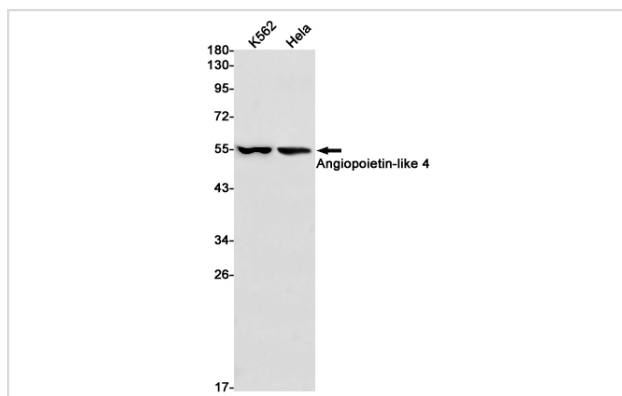
Description

Product Name	Angiotensin Like 4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-1B5
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant protein of human Angiotensin-like 4
Conjugates	Unconjugated
Modification	Unmodification
Other Names	NL2; ARP4; FIAF; HARP; PGAR; HFARP; TGQTL; UNQ171; pp1158
Accession No.	Swiss-Prot:Q9BY76GeneID:51129
Uniprot	Q9BY76
GeneID	51129
Calculated MW	Calculated MW: 45 kDa; Observed MW: 55 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of Angiotensin-like 4 in K562, HeLa cell lysates using Angiotensin-like 4 Rabbit mAb (1:1000 diluted). Predicted band size: 45 kDa. Observed band size: 55 kDa.

Background

Swiss-Prot Acc.Q9BY76. 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 .

Note: This product is for in vitro research use only