

## Product datasheet for **TA383721S**

### Angiopoietin like 4 (ANGPTL4) Rabbit Monoclonal Antibody [Clone ID: R04-1B5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	R04-1B5
Applications:	WB
Recommended Dilution:	WB: 1/1000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein of human Angiopoietin-like 4
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 45 kDa; Observed MW: 55 kDa
Gene Name:	angiopoietin like 4
Database Link:	<a href="#">Entrez Gene 51129 Human</a> <a href="#">Q9BY76</a>



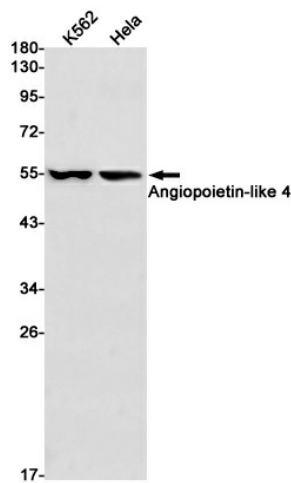
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**Background:**

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 .

**Synonyms:**

ANGPTL2; ARP4; FIAF; HFARP; NL2; PGAR; pp1158

**Product images:**

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