

# Angiopoietin Like 4 Rabbit mAb

Catalog # AP75074

## Product Information

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Application	WB
Primary Accession	<a href="#">Q9BY76</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	45214

## Additional Information

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Gene ID	51129
Other Names	ANGPTL4
Dilution	WB~~1/500-1/1000
Format	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.

## Protein Information

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Name	ANGPTL4
Synonyms	ARP4, HFARP, PGAR {ECO:0000303 PubMed:10
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 (PubMed: <a href="#">19270337</a> , PubMed: <a href="#">21398697</a> , PubMed: <a href="#">27929370</a> , PubMed: <a href="#">29899144</a> ). May also play a role in regulating glucose homeostasis and insulin sensitivity (Probable). Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage (PubMed: <a href="#">14583458</a> , PubMed: <a href="#">17068295</a> ). 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) (PubMed: <a href="#">17068295</a> ). Depending on context, may modulate tumor-related angiogenesis (By similarity).
Cellular Location	Secreted. Secreted, extracellular space, extracellular matrix. Note=The unprocessed form interacts with the extracellular matrix (PubMed: <a href="#">17068295</a> , PubMed: <a href="#">21398697</a> ). This may constitute a dynamic reservoir, a regulatory

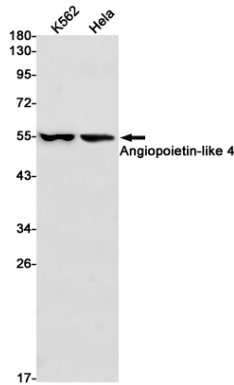
mechanism of the bioavailability of ANGPTL4 (Probable).

## Tissue Location

Detected in blood plasma (at protein level) (PubMed:29899519). Detected in liver (PubMed:10698685). Detected in white fat tissue and placenta (PubMed:10866690). Expressed at high levels in the placenta, heart, liver, muscle, pancreas and lung but expressed poorly in the brain and kidney.

## Images

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