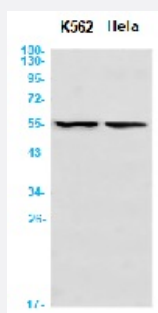


RecomAb™

ANGPTL4 recombinant monoclonal antibody, clone R04-1B5

Catalog # RAB01606 Size 100 uL

Applications



Western Blot

Western blot analysis of Angiopoietinlike 4 in K562, HeLa lysates using human Angiopoietin-like 4 recombinant monoclonal antibody, clone R04-1B5 (Cat # RAB01606).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human Angiopoietin-like 4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Angiopoietin-like 4
Theoretical MW (kDa)	Calculated MW: 45 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Angiopoietinlike 4 in K562, Hela lysates using human Angiopoietin-like 4 recombinant monoclonal antibody, clone R04-1B5 (Cat # RAB01606).

Gene Info — ANGPTL4

Entrez GeneID

[51129](#)

Protein Accession#

[Q9BY76](#)

Gene Name

ANGPTL4

Gene Alias

ANGPTL2, ARP4, FIAF, HFARP, NL2, PGAR, pp1158

Gene Description

angiopoietin-like 4

Omim ID

[605910](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. This gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. The encoded protein is a serum hormone directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity and also acts as an apoptosis survival factor for vascular endothelial cells. The encoded protein may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes. Alternatively spliced transcript variants encoding different isoforms have been described. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4. [provided by RefSeq]

Other Designations

PPARG angiopoietin related protein|angiopoietin-like 4 protein|angiopoietin-related protein 4|fasting-induced adipose factor|hepatic angiopoietin-related protein|hepatic fibrinogen/angiopoietin-related protein|peroxisome proliferator-activated receptor (P

Pathway

- [PPAR signaling pathway](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Syndrome](#)
- [Weight Gain](#)