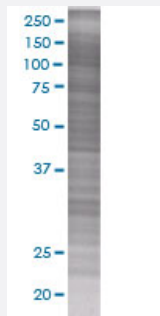


ANGPTL4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051129-T01

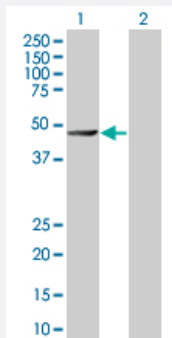
Size 100 uL

Applications



SDS-PAGE Gel

ANGPTL4 transfected lysate.



Western Blot

Lane 1: ANGPTL4 transfected lysate (45.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ANGPTL4 full-length
Host	Human
Theoretical MW (kDa)	45.2
Interspecies Antigen Sequence	Mouse (75); Rat (76)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ANGPTL4 antibody ([H00051129-B01](#)) by Western Blots.
SDS-PAGE Gel
ANGPTL4 transfected lysate.
Western Blot
Lane 1: ANGPTL4 transfected lysate (45.2 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ANGPTL4

Entrez GeneID[51129](#)**GeneBank Accession#**[NM_139314](#)**Protein Accession#**[NP_647475](#)**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|fast
ing-induced adipose factor|hepatic angiopoietin-related protein|hepatic fibrinogen/angiopoietin-re
lated 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](#)