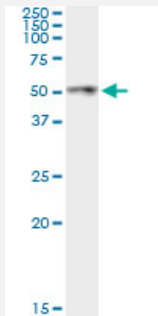


ANGPTL4 (Human) IP-WB Antibody Pair

Catalog # H00051129-PW1

Size 1 Set

Applications



Immunoprecipitation of ANGPTL4 transfected lysate using mouse monoclonal anti-ANGPTL4 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-ANGPTL4.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (76)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ANGPTL4 transfected lysate using mouse monoclonal anti-ANGPTL4 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-ANGPTL4.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-ANGPTL4 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-ANGPTL4 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — ANGPTL4

Entrez GeneID [51129](#)

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](#)