

DNAxPAb

Hard-to-Find
Antibody

ANGPTL4 DNAxPAb

Catalog # H00051129-W01P Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ANGPTL4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	ANGPTL4 (NP_647475.1, 26 a.a. ~ 406 a.a.) full-length human DNA
Sequence	GPVQSKSPRFASWDEMNVLAHGLLQLGQGLREHAERTRSQLSALERRLSACGSACQGTEGSTD LPLAPESRVDPEVLHSLQTQLKAQNSRIQQLFHKVAQQQRHLEKQHLRIQHLQSQFGLLDHKHLD HEVAKPARRKRLPEMAQPVDPAHNVSRLHRLPRDCQELFQVGERQSGLFELIQPGSPFLVNC KMTSDGGWTVIQRHDGSVDFNRPWEAYKAGFGDPHGEFWLGLEKVHSITGDRNSRLAVQLRD WDGNAELLQFSVHLGGEDTAYSLQLTAPVAGQLGATTVPSPGLSVPFSTWDQDHLRRDKNCA KSLSGGWWFGTCSHSNLNGQYFRSIPQQRQKLKKGIFWKTRGRYYPLQATTMLIQPMAAEAAS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ANGPTL4

Entrez GeneID [51129](#)

GeneBank Accession# [NM_139314.1](#)

Protein Accession# [NP_647475.1](#)

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 insulin-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](#)