

ANGPTL4 Rabbit Polyclonal Antibody



CAB2011

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

45kDa

Calculated MW:

26kDa/40kDa/45kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a glycosylated, secreted protein containing a C-terminal fibrinogen domain. The encoded protein is induced by peroxisome proliferation activators and functions as a serum hormone that regulates glucose homeostasis, lipid metabolism, and insulin sensitivity. This protein can also act as an apoptosis survival factor for vascular endothelial cells and can prevent metastasis by inhibiting vascular growth and tumor cell invasion. The C-terminal domain may be proteolytically-cleaved from the full-length secreted protein. Decreased expression of this gene has been associated with type 2 diabetes. Alternative splicing results in multiple transcript variants. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4.

Immunogen information

Gene ID:

51129

Uniprot

Q9BY76

Synonyms:

ANGPTL4; ARP4; FIAF; HARP; HFARP; NL2; PGAR; TGQTL; UNQ171;
pp1158

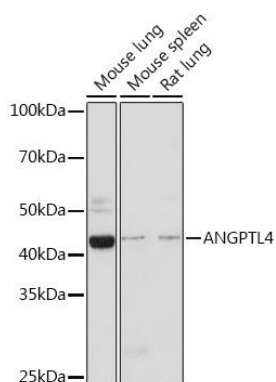
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 26-406 of human ANGPTL4 (NP_647475.1).

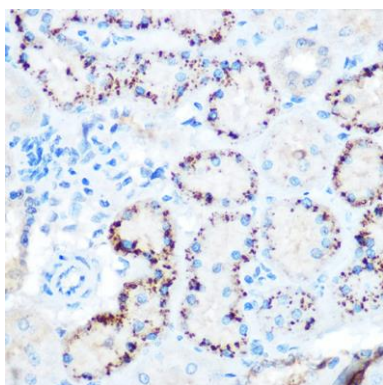
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

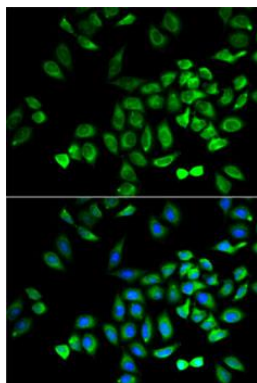
Product Images



Western blot analysis of extracts of various cell lines, using ANGPTL4 Rabbit pAb (CAB2011) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat kidney using ANGPTL4 Rabbit pAb (CAB2011) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of A-549 cells using ANGPTL4 antibody (CAB2011). Blue: DAPI for nuclear staining.