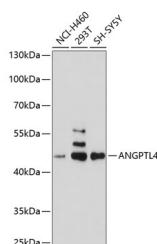


ANGPTL4 Polyclonal Antibody

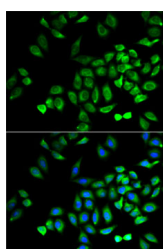
Catalog No.	E-AB-60554	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of various cell lines using ANGPTL4 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of A-549 cells using ANGPTL4 Polyclonal Antibody

Immunogen Information

Immunogen	Recombinant fusion protein of human ANGPTL4 (NP_647475.1).
GeneID	51129
Swissprot	Q9BY76
Synonyms	ANGPTL4,ARP4,FIAF,HARP,HFARP,NL2,PGAR, TGQTL,UNQ171,pp1158

Product Information

Calculated MW	26kDa/40kDa/45kDa
Observed MW	44kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IF 1:50-1:200

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.