ANGPTL4 Rabbit pAb

Catalog No.	A2011	**Category**	Polyclonal Antibodies
Applications	WB, IF	**Observed MW**	44kDa
Cross-reactivity	Human, Mouse	**Calculated MW**	26kDa/40kDa/45kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 26-406 of human ANGPTL4 (NP_647475.1).
Gene ID	51129
Swiss prot	Q9BY76
Synonyms	ANGPTL4;ARP4;FIAF;HARP;HFARP;NL2;PGAR;TGQTL;UNQ171;pp1158

Product information

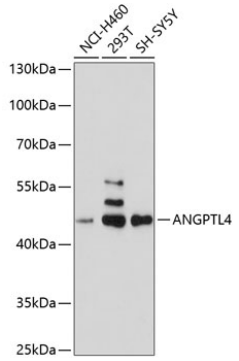
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Background

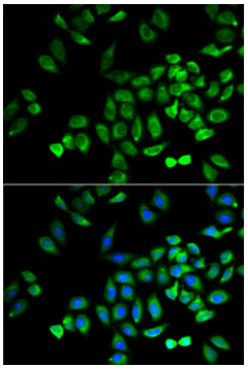
This gene encodes a glycosylated, secreted protein containing a C-terminal fibrinogen domain. The encoded protein is induced by peroxisome proliferation activators and functions as a serum hormone that regulates glucose homeostasis, lipid metabolism, and insulin sensitivity. This protein can also act 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.

Recommended Dilutions

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



Western blot analysis of extracts of various cell lines, using ANGPTL4 antibody (A2011) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



Immunofluorescence analysis of A-549 cells using ANGPTL4 antibody (A2011). Blue: DAPI for nuclear staining.

Phone: *888.754.5670*
Email: *service@abclonal.com*

For research purposes only. Not for therapeutic or diagnostic purposes in humans or animals.
For more information, visit www.abclonal.com.