

Product datasheet for **TA332498S**

Angiopoietin like 4 (ANGPTL4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human ANGPTL4
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45 kDa
Gene Name:	angiopoietin like 4
Database Link:	NP_647475 Entrez Gene 57875 Mouse Entrez Gene 362850 Rat Entrez Gene 51129 Human Q9BY76



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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.

Synonyms:

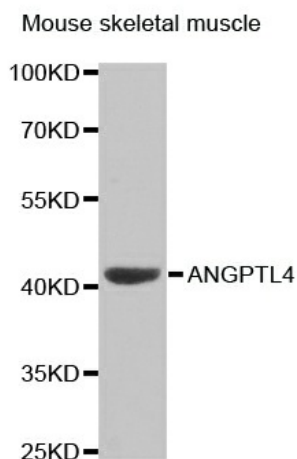
ANGPTL2; ARP4; FIAF; HARP; HFARP; NL2; PGAR; pp1158; TGQTL; UNQ171

Protein Families:

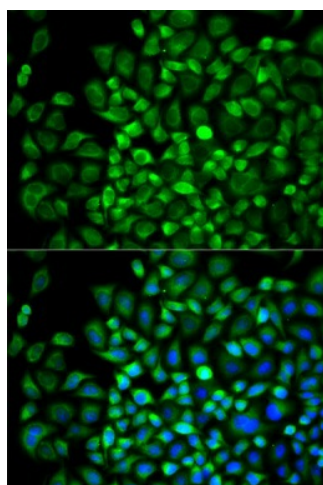
Druggable Genome, Secreted Protein

Protein Pathways:

PPAR signaling pathway

Product images:

Western blot analysis of extracts of mouse skeletal muscle, using ANGPTL4 antibody.



Immunofluorescence analysis of A549 cell using ANGPTL4 antibody. Blue: DAPI for nuclear staining.