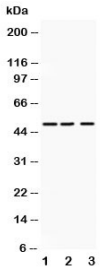
ANGPTL4 Antibody (R30505)

Catalog No.	Formulation	Size
R30505	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9BY76
Applications	Western blot: 0.5-1ug/ml
Limitations	This ANGPTL4 antibody is available for research use only.



Western blot testing of ANGPTL4 antibody and Lane 1: human placenta; 2: SMMC-7721; 3: HeLa lysate. Predicted molecular weight: ~45 kDa and ~41 kDa, but may be observed at higher molecular weights due to glycosylation.

Description

Angiopoietin-related protein 4 is a protein that in humans is encoded by the ANGPTL4 gene. 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. By radiation hybrid analysis, the gene was mapped to 19p13.3. ANGPTL4 contributed to tumor growth and protected cells from anoikis, a form of programmed cell death induced when contact-dependent cells detach from the surrounding tissue matrix.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ANGPTL4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human ANGPTL4 (WWFGTCSHSNLNGQYFRSI) was used as the immunogen for this ANGPTL4 antibody.

Storage

After reconstitution, the ANGPTL4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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