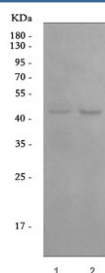


Angiopoietin-like 4 Antibody / ANGPTL4 (RQ7301)

Catalog No.	Formulation	Size
RQ7301	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
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9BY76
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Angiopoietin-like 4 antibody is available for research use only.



Western blot testing of human 1) HeLa and 2) A549 cell lysate with Angiopoietin-like 4 antibody. Predicted molecular weight: ~45 kDa and ~41 kDa, but may be observed at higher molecular weights due to glycosylation.

Description

Angiopoietin-related protein 4 (Angptl4) 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. And this gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. By radiation hybrid analysis, Angptl4 gene is 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

Optimal dilution of the Angiopoietin-like 4 antibody should be determined by the researcher.

Immunogen

Amino acids WWFGTCSHSNLNGQYFRSI were used as the immunogen for the Angiopoietin-like 4 antibody.

Storage

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