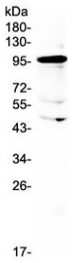
AMOTL2 Antibody / Angiomotin-like protein 2 (RQ4147)

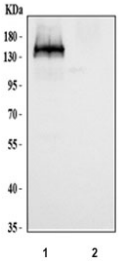
Catalog No.	Formulation	Size
RQ4147	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

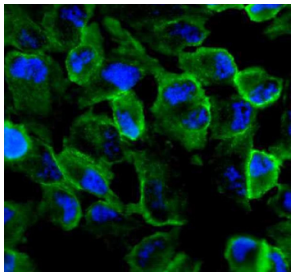
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9Y2J4
Localization	Cytoplasm
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This AMOTL2 antibody is available for research use only.



Western blot testing of human placental lysate with AMOTL2 antibody at 0.5ug/ml.
Predicted molecular weight: 86-92 kDa (multiple isoforms).



Western blot testing of human 1) 293T and 2) HepG2 cell lysate with AMOTL2 antibody at 0.5ug/ml. Predicted molecular weight: 86-92 kDa (multiple isoforms).



Immunofluorescent staining of FFPE human HeLa cells with AMOTL2 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

Angiomotin-like protein 2 is a protein that in humans is encoded by the AMOTL2 gene. Angiomotin is a protein that binds angiostatin, a circulating inhibitor of the formation of new blood vessels (angiogenesis). It mediates angiostatin inhibition of endothelial cell migration and tube formation in vitro. The protein encoded by this gene is related to angiomotin and is a member of the motin protein family. Alternative splicing results in multiple transcript variants of this gene.

Application Notes

Optimal dilution of the AMOTL2 antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein corresponding to amino acids A401-Q480 was used as the immunogen for the AMOTL2 antibody.

Storage

After reconstitution, the AMOTL2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com