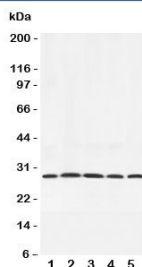


Adiponectin Antibody (R31444)

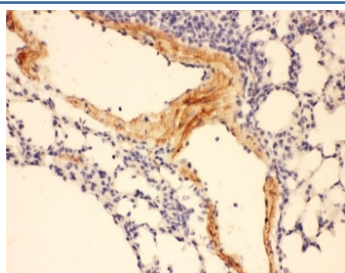
Catalog No.	Formulation	Size
R31444	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

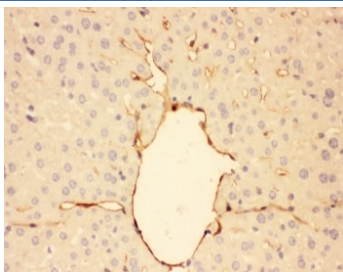
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	246253
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This Adiponectin antibody is available for research use only.



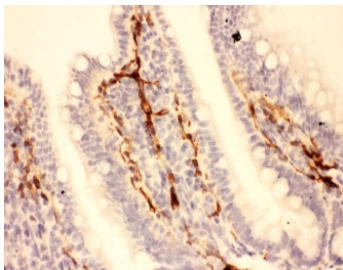
Western blot testing of Adiponectin antibody and rat samples 1: testis; 2: spleen; 3: skeletal muscle; 4: heart; 5: liver lysate. Routinely observed at 26~30kDa.



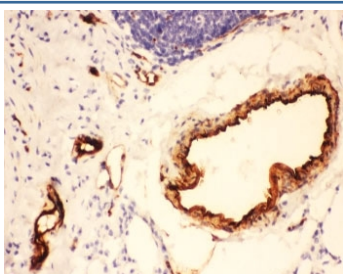
IHC-P: Adiponectin antibody testing of mouse lung tissue. HIER: steamed with pH6 citrate buffer.



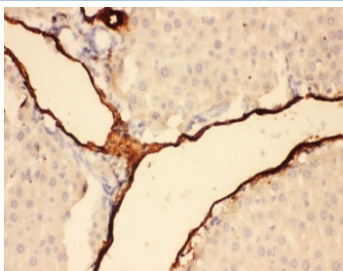
IHC-P: Adiponectin antibody testing of mouse liver tissue. HIER: steamed with pH6 citrate buffer.



IHC-P: Adiponectin antibody testing of rat intestine tissue. HIER: steamed with pH6 citrate buffer.



IHC-P testing of rat lung tissue. HIER: steamed with pH6 citrate buffer.



IHC-P testing of rat liver tissue. HIER: steamed with pH6 citrate buffer.

Description

Adiponectin is a protein which in humans is encoded by the ADIPOQ gene. It is mapped to chromosome 16 in a region showing homology of synteny with human 3q27. By RNase protection and Western blot analysis, it has been showed that Adiponectin is expressed by differentiated adipocytes as a 30-kD protein. By sequence comparisons, it has been found that links between APM1 and TNF family ligands as well as to cytokines expressed by T cells. Adiponectin is a protein hormone that modulates a number of metabolic processes, including glucose regulation and fatty acid oxidation.

Application Notes

Titration of the Adiponectin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Rat partial recombinant protein (AA 19-244) was used as the immunogen for this Adiponectin antibody.

Storage

The lyophilized Adiponectin antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freeze/thaws.

