

# Adiponectin Recombinant antibody

Catalog Number: 83961-3-RR

## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
83961-3-RR	BC096308	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
1000 µg/ml	9370	241082E1
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q15848	IHC 1:500-1:2000
Isotype:	Full Name:	
IgG	adiponectin, C1Q and collagen domain containing	
Immunogen Catalog Number:	Calculated MW:	
AG16304	244 aa, 26 kDa	

## Applications

Tested Applications:	Positive Controls:
IHC, IF/ICC, ELISA	IHC : mouse brown adipose tissue,
Species Specificity:	
human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

not yet fully understood, but the expression of AdipoQ in reproductive tissues has been observed in various animals and humans, including chicken testis, bovine ovary, and human placenta. Adiponectin exerts its effects by activating a range of different signaling molecules via binding to two transmembrane AdipoQ receptors, AdipoR1 and AdipoR2. AdipoR1 is expressed primarily in the skeletal muscle, whereas AdipoR2 is predominantly expressed in the liver. AdipoQ May play a role in cell growth, angiogenesis and tissue remodeling by binding and sequestering various growth factors.

## Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

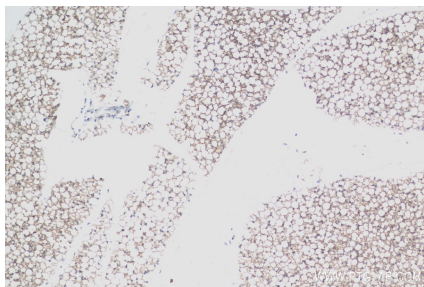
T: 4006900926

E: Proteintech-CN@ptglab.com

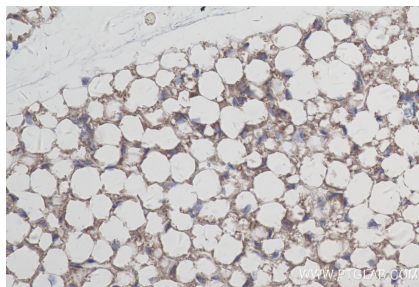
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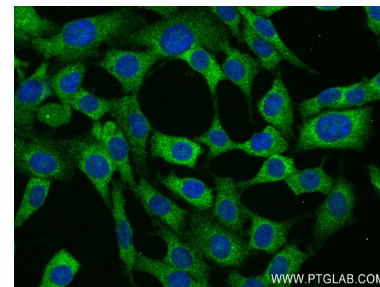
## Selected Validation Data



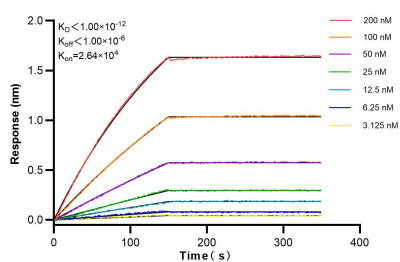
Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using 83961-3-RR (ADIPOQ antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using 83961-3-RR (ADIPOQ antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed 3T3-L1 cells using ADIPOQ antibody (83961-3-RR, Clone: 241082E1) at dilution of 1:0 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83961-3-RR against Human ADIPOQ were performed. The affinity constant is below 1 pM.