

For Research Use Only

Adiponectin Recombinant antibody

Catalog Number: 83525-2-RR



Basic Information

Catalog Number: 83525-2-RR	GenBank Accession Number: NM_144744.3	Purification Method: Protein A purification
Size: 750 µg/ml	GeneID (NCBI): 246253	CloneNo.: 240392D6
Source: Rabbit	UNIPROT ID: Q8K3R4	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG	Full Name: adiponectin, C1Q and collagen domain containing	
	Calculated MW: 26 kDa	
	Observed MW: 26-28 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse adipose tissue, rat heart tissue
Species Specificity: mouse, rat	

Background Information

Adiponectin (AdipoQ), an adipocyte-derived hormone, is one of the most abundant adipokines in the blood circulation. Adiponectin modulates a number of metabolic processes, including improving INS sensitivity and anti-inflammatory activity. The role of AdipoQ in reproduction is 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:

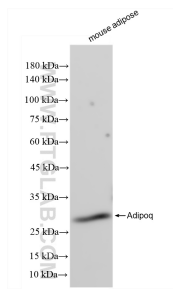
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Selected Validation Data



mouse adipose tissue were subjected to SDS PAGE followed by western blot with 83525-2-RR (Adipoq antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.