ADIPOQ Polyclonal Antibody

catalog number: E-AB-40301

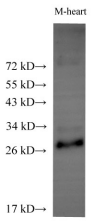
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant Mouse Adiponectin protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:100-1:300

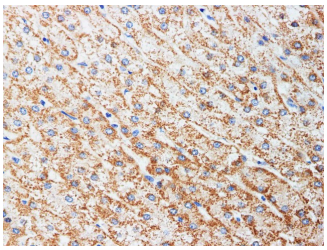
Data



Western Blot analysis of Mouse Heart using ADIPOQ Polyclonal Antibody at dilution of 1:500

Observed-MW:27 kDa

Calculated-MW:27 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer using ADIPOQ Polyclonal Antibody at dilution of 1:200

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

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 insulin 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.

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