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10-7597: Monoclonal antibody to Adiponectin (Clone: ABM52A3)

Clonality :	Monoclonal
Clone Name :	ABM52A3
Application :	WB
Reactivity :	Human
Gene :	ADIPOQ
Gene ID :	9370
Uniprot ID :	Q15848
Format :	Purified
Alternative Name :	ADIPOQ,ACDC,ACRP30,APM1,GBP28
Isotype :	Mouse IgG2b Kappa
Immunogen Information :	A partial length recombinant protein of Adiponectin (amino acid 40-230) was used as the immunogen for this antibody.

Description

Syndrome, hypertension, coronary artery disease, and non-alcoholic liver disease. Adiponectin has been shown to demonstrate antitumor activity by suppressing tumor neoangiogenesis. It also contributes to carcinogenesis in obesity-related cancers. Three configurations of adiponectin have been identified and have been postulated to have distinct biological roles: LMW (Low Molecular Weight), MMW (Middle Molecular Weight) or HMW (high molecular weight). HMW adiponectin is the active form, which may specifically activate the AMPKinase signaling cascade. HMW and MMW adiponectin activate NF-κB, but LMW adiponectin does not. Clinical studies have revealed that the blood concentration of adiponectin is related to kidney injury, includes albuminuria. With the beneficial effect of adiponectin in mind, low blood adiponectin potentially serves as a biomarker for a high risk of albuminuria.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

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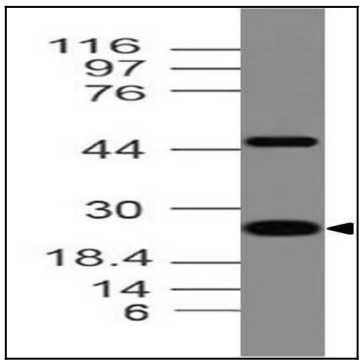

Fig:1- Expression analysis of Adiponectin. Anti-Adiponectin antibody (Clone: ABM52A3) was tested at 2 µg/ml on h Kidney lysate.