

Anti-ADIPOQ(Adiponectin) Polyclonal Antibody

Cat. #: 60B963

Description:

ADIPOQ (Adiponectin) is an important negative regulator in hematopoiesis and immunesystems. ADIPOQ may be involved in ending inflammatory responses through its inhibitory functions. ADIPOQ inhibits endothelial NF-kappa-B signaling through a cAMP-dependent pathway. It inhibits TNF-alpha-induced expression of endothelial adhesion molecules. ADIPOQ is involved in the control of fat metabolism and insulin sensitivity. Defects in ADIPOQ are the cause of adiponectin deficiency. The result is a very low concentration of plasma adiponectin. The decreased adiponectin plasma levels are associated with obesity insulin resistance, and diabetes type 2.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to residues 55-69 of human ADIPOQ(Adiponectin precursor)

References

Maeda,K., et al, Biochem. Biophys. Res. Commun. 221 (2), 286-289 (1996)
Saito,K., et al, Gene 229 (1-2), 67-73 (1999)
Schaffler,A., et al, Biochem. Biophys. Res. Commun. 260 (2), 416-425 (1999)
Zhang,Z. and Henzel,W.J., Protein Sci. 13 (10), 2819-2824 (2004)
Nakano,Y., et al, J. Biochem. 120 (4), 803-812 (1996)
Yokota,T., et al, Blood 96 (5), 1723-1732 (2000)
Ouchi,N., et al, Circulation 102 (11), 1296-1301 (2000)
Yamauchi,T., et al, Nat. Med. 7 (8), 941-946 (2001)

Clone Number:

Isotype:

Species: human, mouse

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)