Leader in Biomolecular Solutions for Life Science

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Rabbit anti- Mouse Adiponectin mAb (CAP)

Catalog No.: RM17786

Basic Information

Catalog No.
RM17786

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2umfiltered solution in PBS with0.05%ProClin 300 ,Ph7.4 containing Mouse Adiponect Antibody.

Contact

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support@abclonal.com

www.abclonal.com

Background

Enables hormone activity and identical protein binding activity. Involved in several processes, including detection of oxidative stress; negative regulation of cold-induced thermogenesis; and regulation of protein serine/threonine kinase activity. Acts upstream of or within with a positive effect on gene expression. Acts upstream of or within several processes, including brown fat cell differentiation; negative regulation of gluconeogenesis; and positive regulation of glucose import. Located in endoplasmic reticulum and extracellular space. Is expressed in several structures, including adipose tissue; axial musculature; gut; male reproductive gland or organ; and serum. Human ortholog(s) of this gene implicated in several diseases, including carcinoma (multiple); cardiovascular system disease (multiple); non-alcoholic fatty liver disease; primary open angle glaucoma; and type 2 diabetes mellitus. Orthologous to human ADIPOQ (adiponectin, C1Q and collagen domain containing).

Immunogen Information

Immunogen
Recombinant Mouse Adiponect Protein

Cross-Reactivity

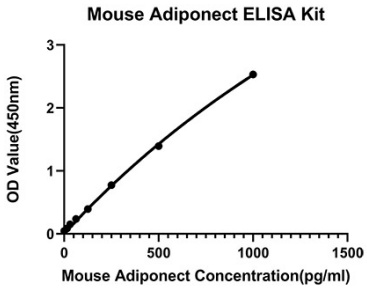
No cross-reactivity in ELISA assay withrecombinant
Mouse TNF-alpha Human Adiponectin

Assay Applications

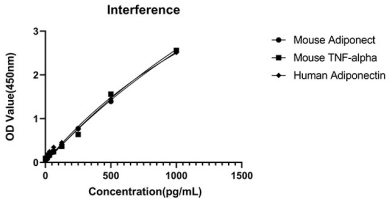
Mouse Adiponect Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2ug/mL	Rabbit anti-Mouse Adiponect(CAP)(Cat. No.RM17786)
ELISA Detection	0.0083-0.03ug/mL	Rabbit anti-Mouse Adiponect(DET)(Cat. No.RM17787)
Standard	15.6-1000pg/mL	Recombinant Mouse Adiponect Protein

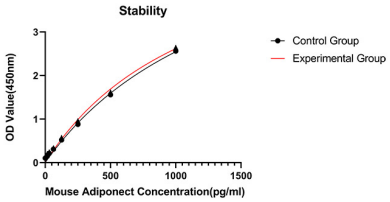
Validation Data



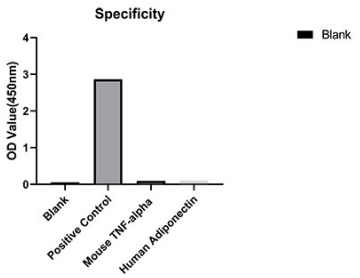
This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.



No significant cross-reactivity or interference was observed.



Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.



Fromthe comparison of the standard curve, it is found that ABclonal has highsensitivity.