

Rabbit Anti-Adiponectin Receptor 1 , Alexa Fluor® 680 conjugated antibody

SL0610R-AF680

Product Name	Adiponectin Receptor 1, Bodipy Fluor 680 conjugated
Chinese Name	AF680 标记的脂联素受体 1 抗体
Alias	ACDCR1; ADIPO R1; Adiponectin receptor protein 1; ADIPOR 1; ADIPOR1; CGI-45; CGI-45 protein;FLJ25385; PAQR1; Progestin and adipoQ receptor family member I; TESBP1A; ADR1_HUMAN.
Research Area	Cell biology immunology Growth factors and hormones Diabetes Endocrinopathy
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat(predicted:Chicken,Dog,Rabbit)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	42kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Adiponectin Receptor 1: 241-270/375 <Cytoplasmic>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed

Acrp30 is a hormone secreted by adipocytes that acts as an antidiabetic and anti-atherogenic adipokine. Levels of adiponectin in the blood are decreased under conditions of obesity, insulin resistance and type 2 diabetes. Administration of adiponectin causes glucose-lowering effects and ameliorates insulin resistance in mice. Conversely, adiponectin-deficient mice exhibit insulin resistance and diabetes. This insulin-sensitizing effect of adiponectin seems to be mediated by an increase in fatty-acid oxidation through activation of AMP kinase and PPAR- . Cloning of complementary DNAs encoding adiponectin receptors 1 and 2 (AdipoR1 and AdipoR2) have shown that AdipoR1 is abundantly expressed in skeletal muscle, whereas AdipoR2 is predominantly expressed in the liver.

SWISS:
Q96A54

Product Detail

Gene ID:
51094

Database links:

[Entrez Gene: 51094](#) Human

[Entrez Gene: 72674](#) Mouse

[Entrez Gene: 289036](#) Rat

[Omim: 607945](#) Human

[SwissProt: Q96A54](#) Human

[SwissProt: Q91VH1](#) Mouse

[Unigene: 5298](#) Human

[Unigene: 259976](#) Mouse