

Datasheet for ABIN7143426

anti-Adiponectin Receptor 1 antibody (AA 1-63)

4 Images

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Overview

Quantity:	100 µg
Target:	Adiponectin Receptor 1 (ADIPOR1)
Binding Specificity:	AA 1-63
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Adiponectin receptor protein 1 protein (1-63AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Adiponectin Receptor 1 (ADIPOR1)
Alternative Name:	ADIPOR1 (ADIPOR1 Products)
Background:	Background: Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed:25855295, PubMed:12802337). Required for normal glucose and fat homeostasis and for maintaining a normal body weight. ADIPOQ-binding activates a signaling cascade that leads to increased AMPK activity, and ultimately to increased

Target Details

fatty acid oxidation, increased glucose uptake and decreased gluconeogenesis. Has high affinity for globular adiponectin and low affinity for full-length adiponectin (By similarity).
Aliases: ACDCR1 antibody, ADIPO R1 antibody, Adiponectin receptor protein 1 antibody, ADIPOR 1 antibody, Adipor1 antibody, ADR1_HUMAN antibody, CGI 45 antibody, CGI 45 protein antibody, CGI-45 antibody, CGI45 antibody, CGI45 protein antibody, FLJ25385 antibody, FLJ42464 antibody, PAQR1 antibody, Progestin and adipoQ receptor family member I antibody, TESBP1A antibody

UniProt: [Q96A54](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

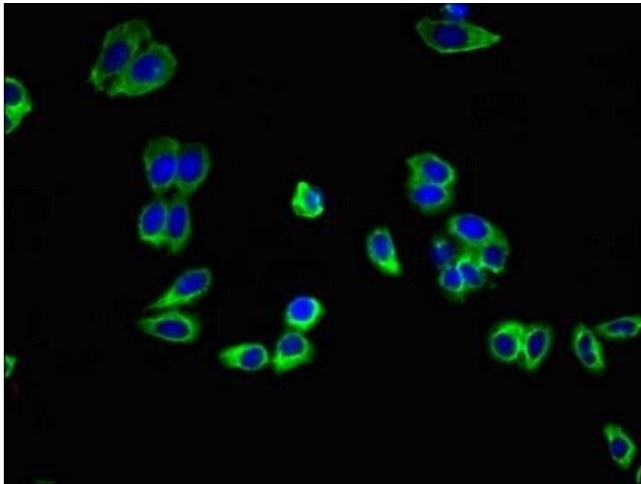
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

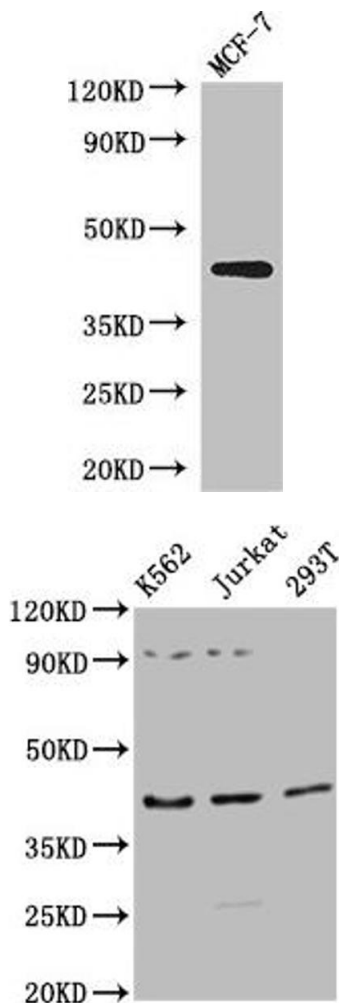
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7143426 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: ADIPOR1 antibody at 2.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 43 kDa Observed band size: 43 kDa

Western Blotting

Image 3. Western Blot Positive WB detected in: K562 whole cell lysate, Jurkat whole cell lysate, 293T whole cell lysate All lanes: ADIPOR1 antibody at 1:2500 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 43 kDa Observed band size: 43 kDa

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7143426.