

Datasheet for ABIN2855945

anti-Adiponectin Receptor 1 antibody (C-Term)

5 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Adiponectin Receptor 1 (ADIPOR1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adiponectin Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Adiponectin Receptor 1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio)
Characteristics:	Rabbit Polyclonal antibody to Adiponectin Receptor 1 (adiponectin receptor 1) Adiponectin Receptor 1 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Adiponectin Receptor 1 (ADIPOR1)
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Target Details

Alternative Name:	adiponectin receptor 1 (ADIPOR1 Products)
Background:	<p>The adiponectin receptors, ADIPOR1 and ADIPOR2 (MIM 607946), serve as receptors for globular and full-length adiponectin (MIM 605441) and mediate increased AMPK (see MIM 602739) and PPAR-alpha (PPARA, MIM 170998) ligand activities, as well as fatty acid oxidation and glucose uptake by adiponectin (Yamauchi et al., 2003 [PubMed 12802337]).[supplied by OMIM]</p> <p>Cellular Localization: Membrane</p>
Molecular Weight:	43 kDa
Gene ID:	51094
UniProt:	Q96A54
Pathways:	AMPK Signaling

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	<p>Positive Control: Mouse white adipose tissue , rat muscle , mouse muscle</p> <p>Validation: Orthogonal</p>
Restrictions:	For Research Use only

Handling

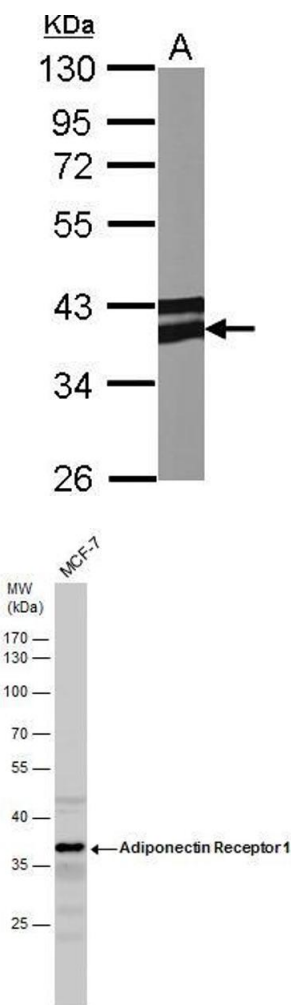
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Publications

Product cited in: Ito, Higa, Goto, Aoshima, Ikuta, Ohashi, Yokoyama, Ohno, Egawa, Miyata, Goto: "Activation of adiponectin receptors has negative impact on muscle mass in C2C12 myotubes and fast-type mouse skeletal muscle." in: **PLoS ONE**, Vol. 13, Issue 10, pp. e0205645, (2019) ([PubMed](#)).

Images

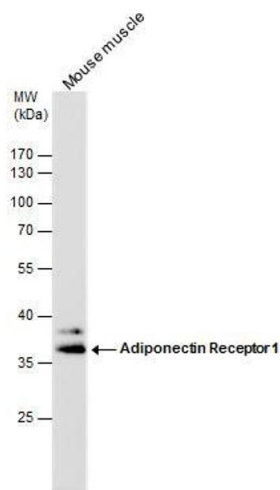


Western Blotting

Image 1. WB Image Sample (50 ug of whole cell lysate)

Western Blotting

Image 2. WB Image Adiponectin Receptor 1 antibody detects Adiponectin Receptor 1 protein by western blot analysis. Whole cell extracts (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Adiponectin Receptor 1 antibody , diluted by 1:500.



Western Blotting

Image 3. WB Image Adiponectin Receptor 1 antibody detects Adiponectin Receptor 1 protein by western blot analysis. Mouse tissue extracts (50 µg) was separated by 10 % SDS-PAGE, and the membrane was blotted with Adiponectin Receptor 1 antibody , diluted by 1:500.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855945.