

Datasheet for ABIN6136583

## anti-Adiponectin Receptor 2 antibody (AA 1-80)



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### 2 Images

#### Overview

Quantity:	100 µL
Target:	Adiponectin Receptor 2 (ADIPOR2)
Binding Specificity:	AA 1-80
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adiponectin Receptor 2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human ADIPOR2 (NP_078827.2).
Sequence:	MNEPTENRLG CSRTPEPDIR LRKGHQLDGT RRGDNDSHQG DLEPILEASV LSSHHKKSSE EHEYSDEAPQ EDEGFMGMSP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	Adiponectin Receptor 2 (ADIPOR2)
Alternative Name:	ADIPOR2 ( <a href="#">ADIPOR2 Products</a> )
Background:	The adiponectin receptors, ADIPOR1 (MIM 607945) and ADIPOR2, 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, Mar 2008],ADIPOR2,ACDCR2,PAQR2,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Endocrine & Metabolism,Lipid Metabolism,AMPK Signaling Pathway,Endocrine and metabolic diseases,Diabetes,Cardiovascular,Lipids,Fatty Acids,ADIPOR2
Molecular Weight:	43 kDa
Gene ID:	79602
UniProt:	<a href="#">Q86V24</a>
Pathways:	<a href="#">AMPK Signaling</a>

## Application Details

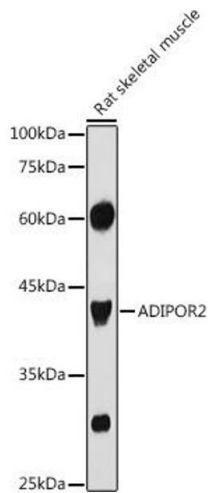
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

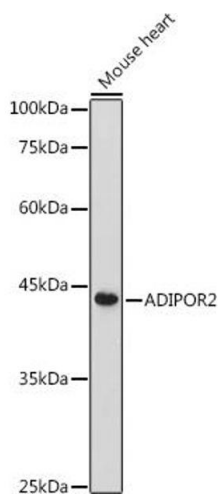
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of Rat skeletal muscle, using antibody (ABIN6127413, ABIN6136583, ABIN6136584 and ABIN6216527) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



### Western Blotting

**Image 2.** Western blot analysis of extracts of Mouse heart, using antibody (ABIN6127413, ABIN6136583, ABIN6136584 and ABIN6216527) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.