

## Rabbit polyclonal antibody to mouse Adiponectin Receptor 1 (4-142): Whole serum

<b>Catalogue No.:</b>	R-1329-100
<b>Description:</b>	Adiponectin Receptors 1 and 2 are membrane receptors for adiponectin, a hormone secreted by adipocytes which regulates energy homeostatis and insulin sensitivity.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 uL
<b>Antigen:</b>	The intracellular portion of mouse Adiponectin Receptor 1 protein (amino acids: 4-142) conjugated to GST.
<b>Antigen Location:</b>	4-142
<b>Other Names:</b>	AdipoR1; AdipoR1; Progesterin and adipoQ receptor family member I; ADIPOR1; PAQR1;TESBP1A; CGI-45;
<b>Accession:</b>	Q91VH1 ADR1_MOUSE; Q96A54 ADR1_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Whole serum
<b>Applications:</b>	Western Blotting. A dilution of 1:2000 is recommended. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Cross-reactivity:</b>	This antiserum is known to recognise both mouse and human Adiponectin Receptor 1.
<b>Form:</b>	Liquid. 15% glycerol
<b>Storage:</b>	Aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase
<b>References:</b>	<ol style="list-style-type: none"> <li>1. Mao X. et al (2006) APPL1 binds to adiponectin receptors and mediates adiponectin signalling and function Nat Cell Biol. 2006 May;8(5):516-23.</li> <li>2. Wang C. et al (2009) Yin-Yang regulation of adiponectin signaling by APPL isoforms in muscle cells J Biol Chem. 2009 Nov 13;284(46):31608-15.</li> </ol>



Tissue homogenates from mouse brain (B), liver (L), skeletal muscle (M), fat (F), heart (H), kidney (K), spleen (S) and pancreas (P) were resolved by SDS-PAGE and immunoblotted with Rabbit polyclonal antibody to mouse Adiponectin Receptor 1, catalog number R-1329-100. Image courtesy of Mao et al., (2006) Nature Cell Biology 8:516-523

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