

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

Catalogue No.:	R-1329-100
Description:	Adiponectin Receptors 1 and 2 are membrane receptors for adiponectin, a hormone secreted by adipocytes which regulates energy homeostatis and insulin sensitivity.
Batch No.:	See product label
Unit size:	100 uL
Antigen:	The intracellular portion of mouse Adiponectin Receptor 1 protein (amino acids: 4-142) conjugated to GST.
Antigen Location:	4-142
Other Names:	AdipoR1; AdipoR1; Progesterin and adipoQ receptor family member I; ADIPOR1; PAQR1;TESBP1A; CGI-45;
Accession:	Q91VH1 ADR1_MOUSE; Q96A54 ADR1_HUMAN;
Produced in:	Rabbit
Purity:	Whole serum
Applications:	Western Blotting. A dilution of 1:2000 is recommended. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Cross-reactivity:	This antiserum is known to recognise both mouse and human Adiponectin Receptor 1.
Form:	Liquid. 15% glycerol
Storage:	Aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase
References:	<ol style="list-style-type: none"> 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. 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.



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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