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Datasheet for ABIN670855

anti-Adiponectin Receptor 2 antibody (AA 315-340) (Cy5)

Overview

Quantity:	100 µL
Target:	Adiponectin Receptor 2 (ADIPOR2)
Binding Specificity:	AA 315-340
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adiponectin Receptor 2 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Adiponectin receptor 2
Isotype:	IgG
Specificity:	This antibody may cross react with Adiponectin receptor 1 due to sequence similarity.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Adiponectin Receptor 2 (ADIPOR2)
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Target Details

Alternative Name:	Adiponectin receptor 2 (ADIPOR2 Products)
Background:	<p>Synonyms: PAQR2, ACDCR2, Adiponectin receptor protein 2, Progestin and adipoQ receptor family member II, ADIPOR2</p> <p>Background: Receptor for globular and full-length adiponectin (APM1), an essential hormone secreted by adipocytes that acts as an antidiabetic. Probably involved in metabolic pathways that regulate lipid metabolism such as fatty acid oxidation. Mediates increased AMPK, PPARA ligand activity, fatty acid oxidation and glucose uptake by adiponectin. Has some intermediate-affinity receptor activity for both globular and full-length adiponectin.</p>
Gene ID:	79602
UniProt:	Q86V24
Pathways:	AMPK Signaling

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months