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Datasheet for ABIN670839

anti-Adiponectin Receptor 1 antibody (AA 241-270) (Cy3)

Overview

Quantity:	100 µL
Target:	Adiponectin Receptor 1 (ADIPOR1)
Binding Specificity:	AA 241-270
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adiponectin Receptor 1 antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Adiponectin Receptor 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Adiponectin Receptor 1 (ADIPOR1)
Alternative Name:	Adiponectin Receptor 1 (ADIPOR1 Products)

Target Details

Background: Synonyms: CGI45, PAQR1, ACDCR1, CGI-45, TESBP1A, Adiponectin receptor protein 1, Progestin and adipoQ receptor family member I, ADIPOR1

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 high-affinity receptor for globular adiponectin but low-affinity receptor for full-length adiponectin.

Gene ID: 51094

UniProt: [Q96A54](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: 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