Datasheet for ABIN1169254

anti-Adiponectin Receptor 1 antibody (AA 2-36)

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1 Publication

Overview

Quantity:	100 µL
Target:	Adiponectin Receptor 1 (ADIPOR1)
Binding Specificity:	AA 2-36
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide corresponding to aa 2-36 (S2SHKGSVVAQGNGAPASNREADTVELAEL GPLLEE36) of human adiponectin receptor 1.
Specificity:	Recognizes human adiponectin receptor 1.
Cross-Reactivity:	Human

Target Details

Target:	Adiponectin Receptor 1 (ADIPOR1)
Alternative Name:	Adiponectin Receptor 1 (ADIPOR1 Products)
Background:	AdipoR1 is a receptor for globular and full-length adiponectin, an essential hormone secreted by adipocytes that acts as an antidiabetic. AdipoR1 is probably involved in metabolic pathways that regulate lipid metabolism such as fatty acid oxidation. It mediates increased AMPK, PPAR-alpha ligand activity, fatty acid oxidation and glucose uptake by adiponectin. It is a high-affinity

Target Details

	receptor for globular adiponectin but low-affinity receptor for full-length adiponectin. It is widely expressed.
UniProt:	Q96A54
Pathways:	AMPK Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Neat serum containing 0.02 % sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 1 year after receipt when stored at -20°C.
Expiry Date:	12 months

Publications

Product cited in:	Corbetta, Redaelli, Pozzi, Bovo, Ratti, Redaelli, Pellegrini, Beck-Peccoz, Spada: "Fibrosis is associated with adiponectin resistance in chronic hepatitis C virus infection." in: **European journal of clinical investigation**, Vol. 41, Issue 8, pp. 898-905, (2011) (PubMed).