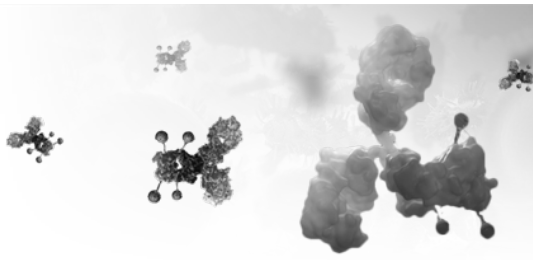

Human ADIPOR1 blocking peptide (CDBP0325)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Adiponectin Receptor 1 antibody
Antigen Description	This gene encodes a protein which acts as a receptor for adiponectin, a hormone secreted by adipocytes which regulates fatty acid catabolism and glucose levels. Binding of adiponectin to the encoded protein results in activation of an AMP-activated kinase signaling pathway which affects levels of fatty acid oxidation and insulin sensitivity. A pseudogene of this gene is located on chromosome 14. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2014]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ADIPOR1 adiponectin receptor 1 [Homo sapiens (human)]
Official Symbol	ADIPOR1
Synonyms	ADIPOR1; adiponectin receptor 1; CGI45; PAQR1; ACDCR1; CGI-45; TESBP1A; adiponectin receptor protein 1; progestin and adipoQ receptor family member I;

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Entrez Gene ID	51094
mRNA Refseq	NM_001290553.1
Protein Refseq	NP_001277482.1
UniProt ID	Q96A54
Chromosome Location	1q32.1
Pathway	AMPK signaling, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Non-alcoholic fatty liver disease (NAFLD), organism-specific biosystem; Non-alcoholic fatty liver disease (NAFLD), conserved biosystem;
Function	hormone binding; identical protein binding; protein heterodimerization activity; protein kinase binding; receptor activity;

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