



# Anti-ADIPOR1 (aa 2-26) polyclonal antibody (CPBT-65814GH)

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

## PRODUCT INFORMATION

### Product Overview

Goat anti ADIPOR1 antibody recognises human Adiponectin receptor protein 1, also known as ADIPOR1 or Adiponectin receptor protein 1. ADIPOR1 is a 375 amino acid ? kDa multipass transmembrane protein and receptor for adiponectin (UniProt: Q96A54). Goat anti ADIPOR1 antibody recognizes an epitope within the N-terminal (NT) region of Adiponectin Receptor protein 1 . AdipoR1 is implicated in metabolic pathways, mediating increased fatty acid oxidation and glucose uptake by adiponectin. The expression of AdipoR1 in adipose tissue is decreased in obese humans, whilst weight loss results in increased expression. is reported as suitable for use in immunocytochemistry of acetone fixed cells.

<b>Specificity</b>	ADIPOR1
<b>Immunogen</b>	Synthetic peptide SSHKGSVVAQGNGAPASNREADTVE corresponding to amino acids 2-26
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human, Broad
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P; WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

precipitate we recommend microcentrifugation before use.

## GENE INFORMATION

Gene Name	<a href="#">ADIPOR1 adiponectin receptor 1 [ Homo sapiens (human) ]</a>
Official Symbol	ADIPOR1
Synonyms	ADIPOR1; adiponectin receptor 1; CGI45; PAQR1; ACDCR1; CGI-45; TESBP1A; adiponectin receptor protein 1; progesterin and adipoQ receptor family member I;
Entrez Gene ID	<a href="#">51094</a>
Protein Refseq	<a href="#">NP_001277482</a>
UniProt ID	Q96A54
Chromosome Location	1q32.1
Pathway	AMPK signaling; AMPK signaling pathway; Adipocytokine signaling pathway; Non-alcoholic fatty liver disease (NAFLD);
Function	adiponectin binding; hormone binding; identical protein binding; protein heterodimerization activity; protein kinase binding; receptor activity;