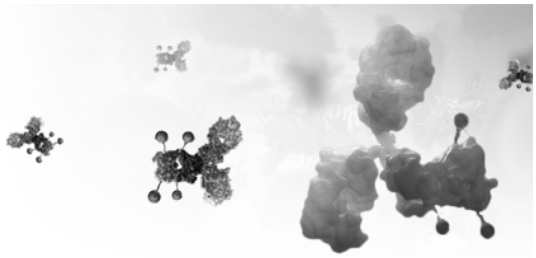

Anti-ADIPOQ (C-terminal) polyclonal antibody (CPBT-65722RA)

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

PRODUCT INFORMATION

Product Overview	This product recognises an epitope within the C-terminal region (CT) of the 244 amino acid protein Adiponectin (also known as Acrp30), a major adipokine secreted into the bloodstream from adipose tissue to modulate metabolism, including glucose regulation and fatty acid catabolism. Unlike most other adipokines, Adiponectin is secreted exclusively by differentiating adipocytes at reduced levels during obesity. The serum level of Adiponectin is inversely correlated with BMI (body mass index) of an individual, and has an anti-inflammatory action, playing an important role in type II diabetes (insulin sensitivity) and atherosclerosis.
Specificity	ADIPONECTIN
Immunogen	A 15 amino acid peptide located near human Adiponectin carboxy-terminus.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	FC; IHC-P; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	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.

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GENE INFORMATION

Gene Name	ADIPOQ adiponectin, C1Q and collagen domain containing [Homo sapiens (human)]
Official Symbol	ADIPOQ
Synonyms	ADIPOQ; adiponectin, C1Q and collagen domain containing; ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1; adiponectin; gelatin-binding protein 28; adipose specific collagen-like factor; 30 kDa adipocyte complement-related protein; adipocyte complement-re
Entrez Gene ID	9370
Protein Refseq	NP_001171271
UniProt ID	Q15848
Chromosome Location	3q27
Pathway	AMPK signaling; AMPK signaling pathway; Adipocytokine signaling pathway; Adipogenesis; Developmental Biology; Non-alcoholic fatty liver disease (NAFLD); PPAR signaling pathway; Transcriptional regulation of white adipocyte differentiation;
Function	cytokine activity; hormone activity; identical protein binding; protein binding; protein homodimerization activity; receptor binding; sialic acid binding;

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