



# Anti-ADIPOQ (full length) polyclonal antibody (DPABT-H21289)

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

## PRODUCT INFORMATION

|                            |                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b>    | Rabbit Anti-ADIPOQ Polyclonal Antibody                                                                                                                                                                                                                           |
| <b>Antigen Description</b> | Adiponectin, also termed gelatin-binding protein-28 (GBP28), AdipoQ, ACP30 (Acrp30), or apM, is a major adipocyte-secreted adipokine which abundantly present in the circulation as three distinct oligomeric complexes: LMW(67kDa), MMW(167kDa) and HMW(300kDa) |
| <b>Specificity</b>         | The antibody detects three types of circular human adiponectin and monomer (30kDa) adiponectin.                                                                                                                                                                  |
| <b>Target</b>              | ADIPOQ                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>           | Recombinant full-length human adiponectin expressed in mammalian cells.                                                                                                                                                                                          |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                              |
| <b>Source/Host</b>         | Rabbit                                                                                                                                                                                                                                                           |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                            |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                                                     |
| <b>Applications</b>        | ELISA, WB                                                                                                                                                                                                                                                        |
| <b>Size</b>                | 100 µl                                                                                                                                                                                                                                                           |
| <b>Buffer</b>              | Solution in PBS                                                                                                                                                                                                                                                  |
| <b>Preservative</b>        | None                                                                                                                                                                                                                                                             |
| <b>Storage</b>             | Store at -20 °C. For long-term storage, aliquot and freeze at -70 °C. Avoid repeated freeze/thaw cycles.                                                                                                                                                         |

# GENE INFORMATION

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|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name           | <a href="#">ADIPOQ adiponectin, C1Q and collagen domain containing [ Homo sapiens ]</a>                                                                                                                                                                                                                                                                                                                                                           |
| Official Symbol     | ADIPOQ                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Synonyms            | ADIPOQ; adiponectin, C1Q and collagen domain containing; ACDC, adipocyte, C1Q and collagen domain containing; adiponectin; ACRP30; AdipoQ; adipose most abundant gene transcript 1; apM1; GBP28; gelatin-binding protein 28; adipose specific collagen-like factor; 30 kDa adipocyte complement-related protein; adipocyte complement-related 30 kDa protein; adipose most abundant gene transcript 1 protein; ACDC; ADPN; APM1; APM-1; ADIPQTL1; |
| Entrez Gene ID      | <a href="#">9370</a>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Protein Refseq      | <a href="#">NP_001171271</a>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt ID          | <a href="#">A8K660</a>                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Chromosome Location | 3q27                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Pathway             | Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;                                  |
| Function            | cytokine activity; eukaryotic cell surface binding; hormone activity; identical protein binding; protein binding; protein homodimerization activity; receptor binding; sialic acid binding;                                                                                                                                                                                                                                                       |