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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|------------------------------|---|
| Product Number | ARP56215_P050-Biotin |
| Product Page | www.avivasysbio.com/gopc-antibody-middle-region-biotin-arp56215-p050-biotin.html |
| Name | GOPC Antibody - middle region : Biotin (ARP56215_P050-Biotin) |
| Protein Size (# AA) | 454 amino acids |
| Molecular Weight | 50kDa |
| Conjugation | Biotin |
| NCBI Gene Id | 57120 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Golgi-associated PDZ and coiled-coil motif containing |
| Alias Symbols | CAL, FIG, PIST, GOPC1, dJ94G16.2 |
| Peptide Sequence | Synthetic peptide located within the following region: RNDLKRPMQAPPGHDQDSLKKSQGVGPIRKVLLLKEDHEGLGISITGGKE |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Reference | Wolde,M., (2007) J. Biol. Chem. 282 (11), 8099-8109 |
| Description of Target | GOPC plays a role in intracellular protein trafficking and degradation. GOPC may regulate CFTR chloride currents and acid-induced ACCN3 currents by modulating cell surface expression of both channels. GOPC may also regulate the intracellular trafficking of the ADR1B receptor. GOPC may play a role in autophagy. Overexpression of GOPC results in CFTR intracellular retention and degradation in the lysosomes. PIST is a PDZ domain-containing Golgi protein. PDZ domains contain approximately 90 amino acids and bind the extreme C terminus of proteins in a sequence-specific manner. [supplied by OMIM]. |
| Protein Interactions | BATF; SSNA1; VTN; MYLK; HCK; FOSL2; DPYD; RPL13AP17; C17orf67; ZSCAN1; LCLAT1; FAM9B; ZBTB49; ZNF564; SPATA8; RNF183; MORN4; MYOCD; MUM1; ZNF587; SLC25A18; CCDC102B; AKIRIN1; MRPL1; SEMA4G; RNF220; FAM90A1; PID1; ZNF581; CERCAM; RHOQ; PARK7; STARD3; HSF1; |
| Reconstitution and Storage | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding. |
| Datasheets/Manuals | Printable datasheet for anti-GOPC (ARP56215_P050-Biotin) antibody |
| Blocking Peptide | For anti-GOPC (ARP56215_P050-Biotin) antibody is Catalog# AAP56215 (Previous Catalog# AAPP38134) |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human GOPC |
| Uniprot ID | Q9HD26 |
| Protein Name | Golgi-associated PDZ and coiled-coil motif-containing protein |
| Protein Accession # | NP_001017408 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_001017408 |
| Gene Symbol | GOPC |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit |
| Application | WB |

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|---|--|
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100% |
| Image 1 |  A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites. |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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