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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56214_P050-HRP
Product Page	www.avivasysbio.com/gopc-antibody-n-terminal-region-hrp-arp56214-p050-hrp.html
Name	GOPC Antibody - N-terminal region : HRP (ARP56214_P050-HRP)
Protein Size (# AA)	454 amino acids
Molecular Weight	50kDa
Conjugation	HRP: Horseradish Peroxidase
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: EVLEKEFDKAFVDVDLLLGEIDPDQADITYEGROKMTLSLSSCFAQLCHKA
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 (ARP56214_P050-HRP) antibody
Blocking Peptide	For anti-GOPC (ARP56214_P050-HRP) antibody is Catalog # AAP56214 (Previous Catalog # AAPP38133)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal 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, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 86%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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