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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54631_P050-FITC
Product Page	www.avivasysbio.com/gnai2-antibody-middle-region-fitc-arp54631-p050-fitc.html
Name	GNAI2 Antibody - middle region : FITC (ARP54631_P050-FITC)
Protein Size (# AA)	354 amino acids
Molecular Weight	40kDa
Subunit	alpha-2
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2771
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
Alias Symbols	GIP, GNAI2B, H_LUCA15.1, H_LUCA16.1
Peptide Sequence	Synthetic peptide located within the following region: EYQLNDSAAYYLNDLERIAQSDYIPTQQDVLRLTRVKTTGIVETHFTFKDL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Sullivan, K.A., J. Cell. Sci. 120 (PT 13), 2171-2178 (2007)
Description of Target	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli.
Protein Interactions	NOTCH2NL; KRTAP10-8; KRT40; GPSM3; RGS20; UBC; TRIP6; MDFI; KRT31; SUMO2; RNF2; GCLM; GDI1; NAGK; SCRNI1; LTB4R; ESR1; ATP4A; Rgs13; RGS3; PAN2; NPM1; NCF2; MTNR1A; HSP90AB1; HSP90AA1; CFTR; MYH10; GNB1; GNAI3; GNAI1; CYSTM1; ERGIC1; CORO1C; DHX30; SRSF1;
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-GNAI2 (ARP54631_P050-FITC) antibody
Blocking Peptide	For anti-GNAI2 (ARP54631_P050-FITC) antibody is Catalog # AAP54631 (Previous Catalog # AAPP31422)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GNAI2
Uniprot ID	P04899
Protein Name	Guanine nucleotide-binding protein G(i) subunit alpha-2
Protein Accession #	NP_002061
Purification	Affinity Purified
Nucleotide Accession #	NM_002070
Gene Symbol	GNAI2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 93%

Image 1



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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