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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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	ARP55401_P050-FITC
Product Page	www.avivasysbio.com/gngt2-antibody-middle-region-fitc-arp55401-p050-fitc.html
Name	GNGT2 Antibody - middle region : FITC (ARP55401_P050-FITC)
Protein Size (# AA)	69 amino acids
Molecular Weight	8kDa
Subunit	gamma-T2
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2793
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2
Alias Symbols	GNG9, GNGT8, G-GAMMA-8, G-GAMMA-C
Peptide Sequence	Synthetic peptide located within the following region: KEVKNTRIPISKAGKEIKEYVEAQAGNDPFLKGIPEDKNPFKEKGGCLIS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	DePuy,S.D., (2006) Proc. Natl. Acad. Sci. U.S.A. 103 (39), 14590-14595
Description of Target	Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. GNGT2 is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. There is evidence for use of multiple polyadenylation sites by this gene.
Protein Interactions	GNB2; GNB3; GNB1; KCNJ4; GNB4;
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-GNGT2 (ARP55401_P050-FITC) antibody
Blocking Peptide	For anti-GNGT2 (ARP55401_P050-FITC) antibody is Catalog # AAP55401 (Previous Catalog # AAPP33273)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GNGT2
Uniprot ID	O14610
Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-T2
Protein Accession #	NP_113686
Purification	Affinity Purified
Nucleotide Accession #	NM_031498
Gene Symbol	GNGT2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 77%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 92%; Rat: 85%; Sheep: 77%

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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