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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55424_P050-Biotin
Product Page	www.avivasysbio.com/gnao1-antibody-n-terminal-region-biotin-arp55424-p050-biotin.html
Name	GNAO1 Antibody - N-terminal region : Biotin (ARP55424_P050-Biotin)
Protein Size (# AA)	354 amino acids
Molecular Weight	40kDa
Subunit	alpha
Conjugation	Biotin
NCBI Gene Id	2775
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O
Alias Symbols	GNAO, DEE17, NEDIM, EIEE17, HLA-DQB1, G-ALPHA-o
Peptide Sequence	Synthetic peptide located within the following region: PVVYSNTIQSLAAIVRAMDTLGIEYGDKERKADAKMVCDVVSVMEDTEPE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Won,J.H., (2008) Cell. Signal. 20 (5), 884-891
Description of Target	Activated Galpha interacted directly with PLZF, and enhanced its function as a transcriptional and cell growth suppressor. Galpha might play a role in mediating extracellular signal-regulated kinase activation by G protein-coupled receptors in the brain
Protein Interactions	UBC; ADRA2A; BAG3; Htt; RGS9; GABBR1; Haus4; RGS1; RIC8A; DCTN2; KLHL3; SCN8A; PDE6G; CRHR1; GPSM2; HRH4; NGB; S1PR5; RGS19; GRM6; FFAR2; TSHR; RGS5; RGS10; RGS7; RGS4; RGS16; RGS14; PTPRU; CCR5; NUCB1; PDE6H; CACNA1B; OPRM1; OPRD1; GNAO1; GNAI1; ADRA2C;
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-GNAO1 (ARP55424_P050-Biotin) antibody
Blocking Peptide	For anti-GNAO1 (ARP55424_P050-Biotin) antibody is Catalog # AAP55424 (Previous Catalog # AAPP38905)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GNAO1
Uniprot ID	P09471
Protein Name	Guanine nucleotide-binding protein G(o) subunit alpha
Protein Accession #	NP_620073
Purification	Affinity Purified
Nucleotide Accession #	NM_138736
Gene Symbol	GNAO1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 79%; Rabbit: 100%; Rat: 93%; 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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