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Produktinformation



Forschungsprodukte & Biochemikalien



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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	ARP57549_P050-FITC
Product Page	www.avivasysbio.com/gnb4-antibody-middle-region-fitc-arp57549-p050-fitc.html
Name	GNB4 Antibody - middle region : FITC (ARP57549_P050-FITC)
Protein Size (# AA)	340 amino acids
Molecular Weight	37kDa
Subunit	beta 1-4
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	59345
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Guanine nucleotide binding protein (G protein), beta polypeptide 4
Alias Symbols	CMTD1F
Peptide Sequence	Synthetic peptide located within the following region: DGMCRQSFTGHVSDINAVSFFPNGYAFATGSDDATCRLFDLRADQELLLY
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.
Protein Interactions	UBC; SUMO2; GNG8; GNG12; GNG2; GNG13; GNGT1; GNG11; GNG10; GNG7; GNG5; GNG4; GNG3; FBXO6; CDK18; ADRB2; PAN2; MTNR1A; ESR1; GNAI3; GNAI2; GNAI1; PDCL; CEP97; RGS6; Haus1; Haus4; Mau2; Trim69; Cdk1; MTNR1B; GNGT2; git11;
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-GNB4 (ARP57549_P050-FITC) antibody
Specificity	Gene Symbol: GNB1 , GNB2 , GNB3 Protein Accession#: NP_002065 , NP_005264 , NP_002066 Nucleotide Accession#: NM_002074 , NM_005273 , NM_002075 Swissprot ID: P62873 , P62879 , P16520
Blocking Peptide	For anti-GNB4 (ARP57549_P050-FITC) antibody is Catalog # AAP57549 (Previous Catalog # AAPP43035)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GNB4
Uniprot ID	Q9HAV0
Protein Name	Guanine nucleotide-binding protein subunit beta-4
Protein Accession #	NP_067642
Purification	Affinity Purified
Nucleotide Accession #	NM_021629
Gene Symbol	GNB4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
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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