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- Diagnostik & molekulare Diagnostik
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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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GNB1 Antibody - C-terminal region : FITC (ARP54638_P050-FITC)

Data Sheet

Product Number	ARP54638_P050-FITC
Product Page	www.avivasysbio.com/gnb1-antibody-c-terminal-region-fitc-arp54638-p050-fitc.html
Name	GNB1 Antibody - C-terminal region : FITC (ARP54638_P050-FITC)
Protein Size (# AA)	340 amino acids
Molecular Weight	37kDa
Subunit	beta-1
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2782
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Guanine nucleotide binding protein (G protein), beta polypeptide 1
Alias Symbols	MDS, MRD42
Peptide Sequence	Synthetic peptide located within the following region: DLRADQELMTYSHDNIICGITSVSFSKSGRLLLAGYDDFNCNVWDALKAD
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Ueda,H., (2008) J. Biol. Chem. 283 (4), 1946-1953
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. GNB1 is a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.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. This gene uses alternative polyadenylation signals. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	UBC; SUMO2; SUMO3; MTOR; RICTOR; RPTOR; WDR26; GNG2; GNG8; GNG12; GNGT1; GNG7; GNG5; GNG3; TBXA2R; ADRB2; PAN2; SVIL; NOL11; CYFIP1; VCAM1; NCF2; MTNR1A; EPHA7; AFP; ESR1; Htt; GNAI3; GNAI2; GNAI1; GNA11; ATP6V1B1; AKT1; MRGPRX1; RADIL; RASD1; ATXN10; RAS
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-GNB1 (ARP54638_P050-FITC) antibody
Blocking Peptide	For anti-GNB1 (ARP54638_P050-FITC) antibody is Catalog # AAP54638 (Previous Catalog # AAPP31429)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GNB1
Uniprot ID	P62873
Protein Name	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1
Protein Accession #	NP_002065
Purification	Affinity Purified
Nucleotide Accession #	NM_002074
Gene Symbol	GNB1

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: 100%; Rabbit: 100%; Rat: 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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