



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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<b>Product Number</b>	ARP57549_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/gnb4-antibody-middle-region-hrp-arp57549-p050-hrp.html">www.avivasysbio.com/gnb4-antibody-middle-region-hrp-arp57549-p050-hrp.html</a>
<b>Name</b>	GNB4 Antibody - middle region : HRP (ARP57549_P050-HRP)
<b>Protein Size (# AA)</b>	340 amino acids
<b>Molecular Weight</b>	37kDa
<b>Subunit</b>	beta 1-4
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	59345
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Guanine nucleotide binding protein (G protein), beta polypeptide 4
<b>Alias Symbols</b>	CMTD1F
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">DGMCRQSFTGHVSDINAVSFFPNGYAFATGSDDATCRLFDLRADQELLLY</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Description of Target</b>	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.
<b>Protein Interactions</b>	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;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-GNB4 (ARP57549_P050-HRP) antibody</a>
<b>Specificity</b>	Gene Symbol: <a href="#">GNB1</a> , <a href="#">GNB2</a> , <a href="#">GNB3</a> Protein Accession#: <a href="#">NP_002065</a> , <a href="#">NP_005264</a> , <a href="#">NP_002066</a> Nucleotide Accession#: <a href="#">NM_002074</a> , <a href="#">NM_005273</a> , <a href="#">NM_002075</a> Swissprot ID: <a href="#">P62873</a> , <a href="#">P62879</a> , <a href="#">P16520</a>
<b>Blocking Peptide</b>	For anti-GNB4 (ARP57549_P050-HRP) antibody is <a href="#">Catalog # AAP57549</a> (Previous Catalog # AAPP43035)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human GNB4
<b>Uniprot ID</b>	<a href="#">Q9HAV0</a>
<b>Protein Name</b>	Guanine nucleotide-binding protein subunit beta-4
<b>Protein Accession #</b>	<a href="#">NP_067642</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_021629</a>
<b>Gene Symbol</b>	<a href="#">GNB4</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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Optimal conditions of its use should be determined by end users.

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