Datasheet for ABIN966216

anti-GNB4 antibody (N-Term)

2 Publications

Go to Product page

Overview

Quantity:	0.1 mg
Target:	GNB4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human GNB4 (Guanine nucleotide-binding protein beta subunit 4)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	GNB4
Alternative Name:	GNB4 (GNB4 Products)
Background:	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. GNB4(Guanine nucleotide-binding protein beta subunit 4) is a beta subunit. Beta subunits are important regulators of

Target Details

	alpha subunits, as well as of certain signal transduction receptors and effectors. GNB4 is involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G proteineffector interaction.
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	ELISA, Western blotting: 1µg/ml for 2hrs.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	This antibody is stored in PBS, 50% glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Publications

Product cited in:	Rosskopf, Nikula, Manthey, Joisten, Frey, Kohnen, Siffert: "The human G protein beta4 subunit: gene structure, expression, Ggamma and effector interaction." in: **FEBS letters**, Vol. 544, Issue 1-3, pp. 27-32, (2003) (PubMed). Ruiz, de la Rubia, Pérez, Martínez Lopez: "Effect of olive oil mill wastewater on extracellular ligninolytic enzymes produced by Phanerochaete flavido-alba." in: **FEMS microbiology letters**, Vol. 212, Issue 1, pp. 41-5, (2002) (PubMed).