

Datasheet for ABIN631690 **anti-GNB1 antibody**



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1 Image

Overview

Quantity:	100 µL
Target:	GNB1
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	GNB1 antibody was raised using a synthetic peptide corresponding to a region with amino acids MSELQQLRQEAQLKNQIRDARKACADATLSQITNNIDPVGRIQMTRRT
Purification:	Affinity purified

Target Details

Target:	GNB1
Alternative Name:	GNB1 (GNB1 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. 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

Target Details

integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit.

Molecular Weight: 37 kDa (MW of target protein)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [CXCR4-mediated Signaling Events](#), [Phototransduction](#), [Thromboxane A2 Receptor Signaling](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: GNB1 Blocking Peptide, catalog no. 33R-6416, is also available for use as a blocking control in assays to test for specificity of this GNB1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GNB1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. GNB1 antibody used at 1 ug/ml to detect target protein.