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## Datasheet for ABIN392636 anti-GNB2L1 antibody (N-Term)

2 Images



#### Overview

Quantity:	400 μL
Target:	GNB2L1
Binding Specificity:	AA 29-58, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNB2L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This GNB2L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-58 amino acids from the N-terminal region of human GNB2L1.
Clone:	RB3308
lsotype:	Ig Fraction
Predicted Reactivity:	Zf, Pr, B, C, M, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	

Target:

GNB2L1

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Target Details	
Alternative Name:	GNB2L1 (GNB2L1 Products)
Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor,
	generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this
	basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells,
	regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement
	and cell movement, apoptosis, and differentiation. With more than 500 gene products, the
	protein kinase family is one of the largest families of proteins in eukaryotes. The family has
	been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or
	serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7,
	11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK)
	cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades,
	consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best
	characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface
	receptors and activate yeast MAPK pathway.
Molecular Weight:	35077
Gene ID:	10399
NCBI Accession:	NP_006089
UniProt:	P63244
Pathways:	cAMP Metabolic Process, Positive Regulation of Endopeptidase Activity

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 $\%$ (W/V) sodium azide.
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:	4 °C,-20 °C

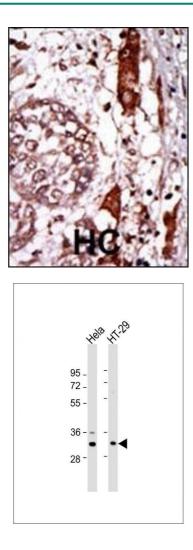
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Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliguots to prevent freeze-thaw cycles.

Expiry Date:

6 months

### Images



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

### Western Blotting

**Image 2.** All lanes : Anti-GNB2L1 Antibody (K44) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: HT-29 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 35 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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