

Rabbit GNB2L1 Polyclonal Antibody | anti-GNB2L1 antibody

GNB2L1 Antibody (N-term)

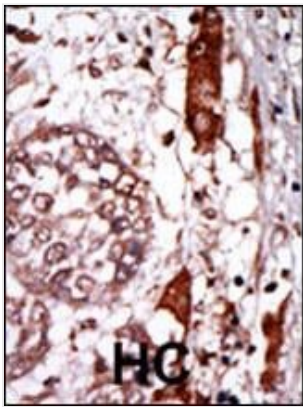
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289256	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Monkey, Mouse, Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

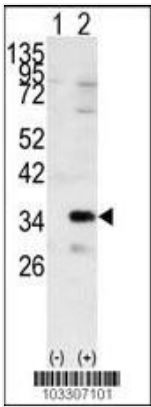
GNB2L1; Polyclonal Antibody; GNB2L1 Antibody (N-term); Guanine nucleotide-binding protein subunit beta-2-like 1; Cell proliferation-inducing gene 21 protein; Guanine nucleotide-binding protein subunit beta-like protein 123; Human lung cancer oncogene 7 protein; HLC-7; Receptor for activated C kinase; Receptor of activated protein kinase C 1; RACK1; N-terminally processed; anti-GNB2L1 antibody

PRODUCT SPECIFICATIONS

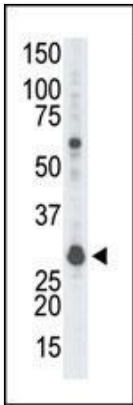
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Monkey, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GNB2L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-58 amino acids from the N-terminal region of human GNB2L1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	29-58
Sequence Length	317
Applicable Applications for anti-GNB2L1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
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.



WB (Western Blot)
Western blot analysis of GNB2L1 (arrow) using GNB2L1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GNB2L1 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
The anti-GNB2L1 Pab is used in Western blot to detect GNB2L1 in Ramos cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-GNB2L1 antibody	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.
Product Categories/Family for anti-GNB2L1 antibody	Cell Biology; Signal transduction
References	Ceci, M., et al., Nature 426(6966):579-584 (2003). Usacheva, A., et al., J. Immunol. 171(6):2989-2994 (2003). Kiely, P.A., et al., J. Biol. Chem. 277(25):22581-22589 (2002). Tcherkasowa, A.E., et al., J. Immunol. 169(9):5161-5170 (2002). Liedtke, C.M., et al., J. Biol. Chem. 277(25):22925-22933 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174447
NCBI GeneID	10399
NCBI Accession #	NP_006089.1
NCBI GenBank Nucleotide #	NM_006098.4
UniProt Accession #	P63244; P25388; P99049; Q53HU2; Q5J8M6; Q5VLR4; Q6FH47; B3KTJ0; D3DWS0
Molecular Weight	35077
NCBI Official Full Name	guanine nucleotide-binding protein subunit beta-2-like 1
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1
NCBI Official Symbol	GNB2L1
NCBI Official Synonym Symbols	H12.3; HLC-7; PIG21; RACK1; Gnb2-rs1
NCBI Protein Information	guanine nucleotide-binding protein subunit beta-2-like 1
UniProt Protein Name	Guanine nucleotide-binding protein subunit beta-2-like 1
UniProt Gene Name	GNB2L1
UniProt Synonym Gene Names	HLC-7; RACK1
UniProt Entry Name	GBLP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnb2l1-antibody-immunohistochemistry-western-blot-elisa/289256>