

Rabbit GNB1L Polyclonal Antibody | anti-GNB1L antibody

GNB1L antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198866	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

GNB1L; Polyclonal Antibody; GNB1L antibody - C-terminal region; anti-GNB1L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RV FHWRTMQPLA VLA FHSAAVQ CVAFTADGLL AAGSKDQRIS LWSLYPRA
Sequence Length	327
Applicable Applications for anti-GNB1L antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 100%; Rabbit: 92%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GNB1L
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



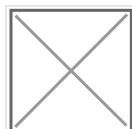
WB (Western Blot)

WB Suggested Anti-GNB1L Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate



WB (Western Blot)

Host: Rabbit Target Name: GNB1L Sample Type: Jurkat Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/mL Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane Gel Concentration: 12%



IHC (Immunohistochemistry)

Rabbit Anti-GNB1L Antibody Paraffin Embedded Tissue: Human Skin Cellular Data: Squamous epithelial cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-GNB1L antibody	This is a rabbit polyclonal antibody against GNB1L. It was validated on Western Blot and immunohistochemistry Target Description: GNB1L is a G-protein beta-subunit-like polypeptide which is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asg (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 6 WD repeats and is highly expressed in the heart. Therefore, this gene may contribute to the etiology of those disorders.This gene encodes a G-protein beta-subunit-like polypeptide which is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asg (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 6 WD repeats and is highly expressed in the heart. The gene maps to the region on chromosome 22q11, which is deleted in DiGeorge syndrome, trisomic in derivative 22 syndrome and tetrasomic in cat-eye syndrome. Therefore, this gene may contribute to the etiology of those disorders.
Product Categories/Family for anti-GNB1L antibody	Polyclonal; Lymphocyte Signaling; Apoptosis; Meiosis/Mitosis/Cell Cycle; Immunohistochemistry; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	17402902
NCBI GeneID	54584
NCBI Accession #	NP_443730
NCBI GenBank Nucleotide #	NM_053004
UniProt Accession #	Q9BYB4
Molecular Weight	36kDa
NCBI Official Full Name	guanine nucleotide-binding protein subunit beta-like protein 1
NCBI Official Synonym Full Names	G protein subunit beta 1 like
NCBI Official Symbol	GNB1L
NCBI Official Synonym Symbols	GY2; FKSG1; WDR14; WDVCF; DGCRK3
NCBI Protein Information	guanine nucleotide-binding protein subunit beta-like protein 1
UniProt Protein Name	Guanine nucleotide-binding protein subunit beta-like protein 1
UniProt Gene Name	GNB1L
UniProt Synonym Gene Names	GY2; KIAA1645; WDR14; G protein subunit beta-like protein 1; WDVCF
UniProt Entry Name	GNB1L_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/gnb1l-antibody-western-blot-immunohistochemistry-elisa/198866>