

Rabbit GNB4 Polyclonal Antibody | anti-GNB4 antibody

GNB4 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200713	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

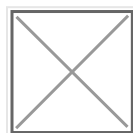
PRODUCT SYNONYMS

GNB4; Polyclonal Antibody; GNB4 antibody - middle region; anti-GNB4 antibody

PRODUCT SPECIFICATIONS

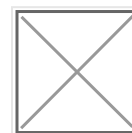
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Specificity	Gene Symbol: , , Protein Accession#: , , Nucleotide Accession#: , , Swissprot ID: , ,
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticcp eptideloca tedwithint hefollowin gregion:DG MCRQSFTGHV SDINAVSFFP NGYAFATGSD DATCRLFDLR ADQELLY
Sequence Length	340
Applicable Applications for anti-GNB4 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GNB4
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-GNB4 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: HCT15 cell lysate



WB (Western Blot)

GNB4 antibody - middle region validated by WB using HEK293 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-GNB4 antibody	This is a rabbit polyclonal antibody against all four GNB variants (1-4). It was validated on Western Blot Target Description: 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. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.
Product Categories/Family for anti-GNB4 antibody	Polyclonal; Drugs and Drug Metabolism; Cell Biology; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	11055998
NCBI GeneID	59345
NCBI Accession #	NP_067642
NCBI GenBank Nucleotide #	NM_021629
UniProt Accession #	Q9HAV0
Molecular Weight	37kDa
NCBI Official Full Name	guanine nucleotide-binding protein subunit beta-4
NCBI Official Synonym Full Names	G protein subunit beta 4
NCBI Official Symbol	GNB4
NCBI Official Synonym Symbols	CMTD1F
NCBI Protein Information	guanine nucleotide-binding protein subunit beta-4
UniProt Protein Name	Guanine nucleotide-binding protein subunit beta-4
UniProt Gene Name	GNB4

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/gnb4-antibody-western-blot-elisa/200713>