

GNB4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19123c

Product Information

Application	WB, E
Primary Accession	Q9HAV0
Other Accession	O35353 , P29387 , P79959 , P54311 , P62874 , P62873 , P26308 , Q6PH57 , Q6TMK6 , P62871 , NP_067642.1
Reactivity	Human
Predicted	Bovine, Hamster, Zebrafish, Drosophila, Mouse, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB40986
Antigen Region	109-138

Additional Information

Other Names	Guanine nucleotide-binding protein subunit beta-4, Transducin beta chain 4, GNB4
Target/Specificity	This GNB4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the Central region of human GNB4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GNB4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

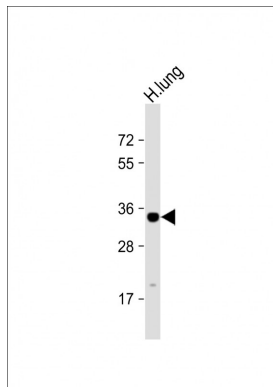
Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of

alpha subunits, as well as of certain signal transduction receptors and effectors.

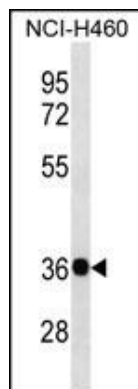
References

- Riemann, K., et al. *Anticancer Res.* 29(4):1271-1274(2009)
Riemann, K., et al. *Pharmacogenet. Genomics* 18(11):999-1008(2008)
Lamesch, P., et al. *Genomics* 89(3):307-315(2007)
Roskopf, D., et al. *FEBS Lett.* 544 (1-3), 27-32 (2003) :
Jiang, G., et al. *Am. J. Physiol. Endocrinol. Metab.* 284 (4), E671-E678 (2003) :

Images



Anti-GNB4 Antibody (Center) at 1:1000 dilution + human lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 38 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



GNB4 Antibody (Center) (Cat. #AP19123c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the GNB4 antibody detected the GNB4 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.