

## GNB5 Antibody

Catalog No: #34730

Package Size: #34730-1 50ul #34730-2 100ul

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## Description

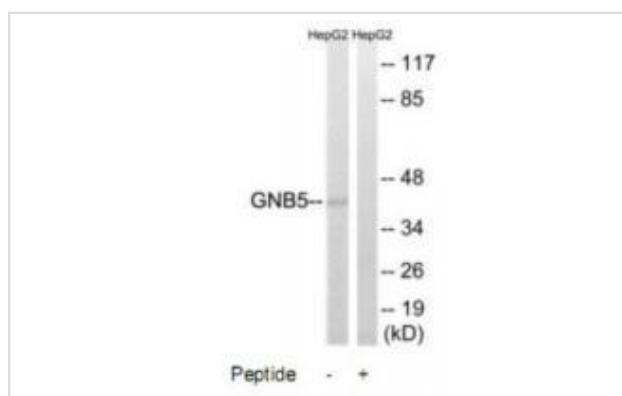
Product Name	GNB5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GNB5 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human GNB5.
Target Name	GNB5
Other Names	Guanine nucleotide-binding protein subunit beta-5; Transducin beta chain 5; Gbeta5;
Accession No.	Swiss-Prot: O14775NCBI Gene ID: 10681
Uniprot	O14775
GeneID	10681;
SDS-PAGE MW	40kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

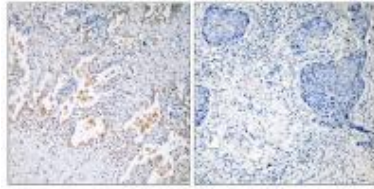
Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from HepG2 cells, using GNB5 antibody #34730.

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using GNB5 antibody #34730.



## Background

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

Poustka A., Genome Res. 11:422-435(2001).

Aronstam R.S., Submitted (MAR-2002).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only