

GNB3 Monoclonal antibody

Catalog Number: 67497-1-Ig

Basic Information

Catalog Number:

67497-1-Ig

GenBank Accession Number:

BC002454

Purification Method:

Protein G purification

Size:

150ul, Concentration: 2000 ug/ml by
Nanodrop and 1000 ug/ml by Bradford
method using BSA as the standard;

GeneID (NCBI):

2784

CloneNo.:

2B6E1

Source:

Mouse

UNIPROT ID:

P16520

Recommended Dilutions:

WB 1:5000-1:50000

Isotype:

IgG1

Full Name:

guanine nucleotide binding protein (G
protein), beta polypeptide 3

IHC 1:500-1:2000

Immunogen Catalog Number:

AG7050

Calculated MW:

37 kDa

Observed MW:

35-37 kDa

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse, rat, pig

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : hTERT-RPE1 cells, HepG2 cells, L02 cells, pig brain
tissue, rat retina tissue, Raji cells, Ramos cells, Daudi
cells, RKO cells, Karpas-422 cells, IMR-32 cells, Rat
brain cells, Mouse brain cells, rat brain tissue, mouse
brain tissue

IHC : human liver cancer tissue,

IF/ICC : HepG2 cells,

Background Information

Guanine nucleotide-binding proteins (g proteins) are involved as a modulator or transducer in various transmembrane signaling systems, by integrating signals between receptors and effector proteins. G proteins are composed of an alpha, a beta, and a gamma subunit. This gene encodes a 34 kD beta subunit, being expressed in all tissues. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

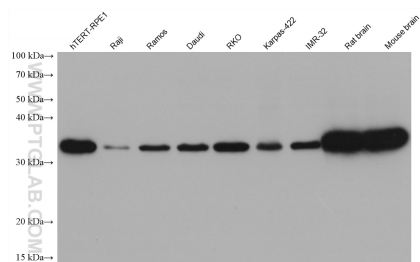
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

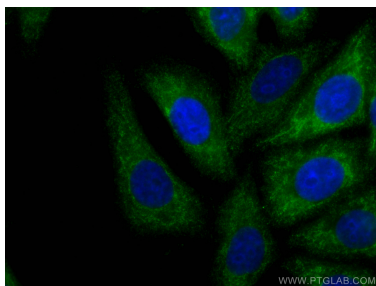
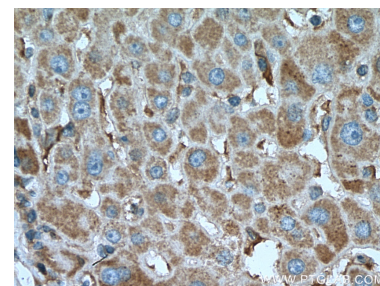
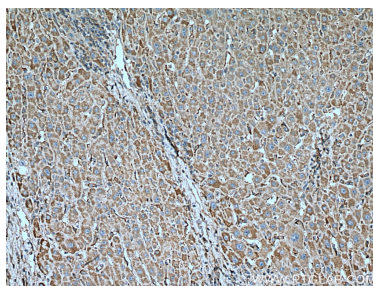
E: proteintech@ptglab.com
W: ptglab.com

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Group brand and is not available to purchase from any
other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67497-1-Ig (GNB3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using GNB3 antibody (67497-1-Ig, Clone: 2B6E1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).