

GNB3 Polyclonal antibody

Catalog Number: 15388-1-AP

Basic Information

Catalog Number:

15388-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7050

GenBank Accession Number:

BC002454

GeneID (NCBI):

2784

UNIPROT ID:

P16520

Full Name:

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

Calculated MW:

37 kDa

Observed MW:

35-37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:250-1:1000

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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 : L02 cells, HepG2 cells, mouse brain tissue, rat brain tissue

IHC : human kidney tissue, human brain tissue, human lung tissue, human ovary tissue, human testis tissue

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:

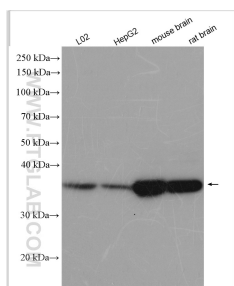
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

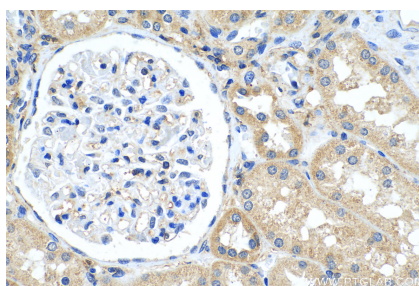
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 15388-1-AP (GNB3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15388-1-AP (GNB3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).