

GNB3 Polyclonal Antibody

Catalog number: 10081-1-AP

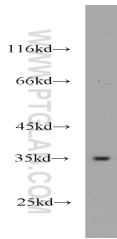
Size: 20 µg/150 µl

Source: Rabbit

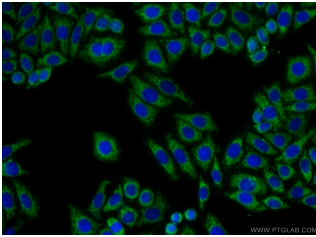
Isotype: IgG

Synonyms:

GNB3; GNB3, Transducin beta chain 3



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10081-1-AP(GNB3 antibody) at dilution of 1:1000



Immunofluorescent analysis of HepG2 cells using 10081-1-AP(GNB3 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

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.

Applications

Tested applications:	ELISA, WB, IF
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated GNB3 MW:	37 kDa
Observed GNB3 MW:	35-37 kDa
Positive WB detected in	Mouse brain tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0127
GenBank accession number:	BC000115
Gene ID (NCBI):	2784
Full name:	Guanine nucleotide binding protein (G protein), beta polypeptide 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.