

Recombinant

DGRmAb®

## GNB3 (DGR20434) Rabbit mAb

db14519

Package : 10µL 20µL 50µL 100µL

**Product Name :** GNB3 (DGR20434) Rabbit mAb**Cat.No.:** db14519**Synonyms :** CSNB1H**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**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 which belongs to the WD repeat G protein beta family. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. A single-nucleotide polymorphism (C825T) in this gene is associated with essential hypertension and obesity. This polymorphism is also associated with the occurrence of the splice variant GNB3-s, which appears to have increased activity. GNB3-s is an example of alternative splicing caused by a nucleotide change outside of the splice donor and acceptor sites. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Jul 2014]

**Immunogen**

A synthetic peptide of human GNB3

**Gene ID**

2784

**Swiss Prot**

P16520

**Synonyms**

CSNB1H

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

**Calculated MW**

37 kDa

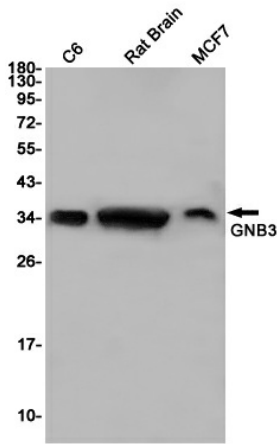
**Observed MW**

37 kDa

**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR20434
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of GNB3 in C6,Rat Brain,MCF7 cell lysates using GNB3 antibody(1:1000 diluted).