

# GNB1 Rabbit Polyclonal Antibody



CAB1867

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

37kDa

### Calculated MW:

36kDa/37kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse

## Protein 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. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

2782

### Uniprot

P62873

### Synonyms:

GNB1; MRD42

## Antibody Information

### Recommended dilutions:

WB 1:1000 - 1:4000 IF 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

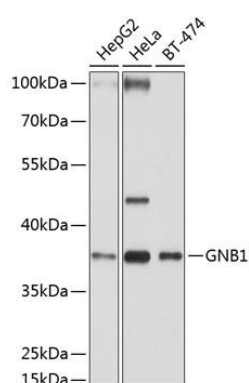
Recombinant fusion protein containing a sequence corresponding to amino acids 1-340 of human GNB1 (NP\_002065.1).

### Storage:

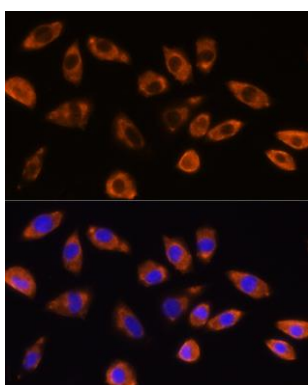
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

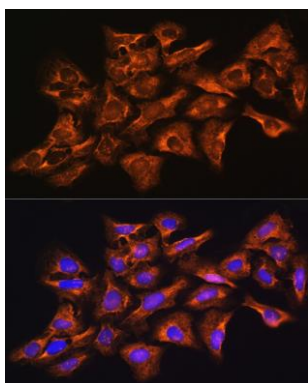
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Western blot analysis of extracts of various cell lines, using GNB1 antibody (CAB1867) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunofluorescence analysis of L929 cells using GNB1 Rabbit pAb (CAB1867) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using GNB1 Rabbit pAb (CAB1867) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.