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# GNB2 Rabbit mAb

**Catalog No.: A9643**   `Recombinant`   `1 Publications`

## Basic Information

**Observed MW**
35kDa

**Calculated MW**
37kDa

**Category**
Primary antibody

**Applications**
ELISA,WB,IHC-P

**Cross-Reactivity**
Human, Mouse, Rat

**CloneNo number**
ARC1675

## 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. This gene contains a trinucleotide (CCG) repeat length polymorphism in its 5' UTR.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:1000 |
| **IHC-P** | 1:50 - 1:200 |

## Immunogen Information

**Gene ID**
2783

**Swiss Prot**
P62879

**Immunogen**
Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human GNB2 (P62879).

**Synonyms**
SSS4; HG2C1; NEDHYDF; GNB2

## Contact

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## Product Information

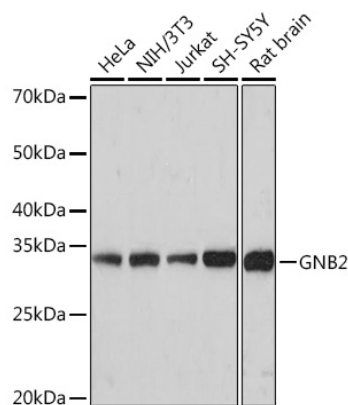| **Source** | **Isotype** | **Purification** |
|---|---|---|
| Rabbit | IgG | Affinity purification |

**Storage**
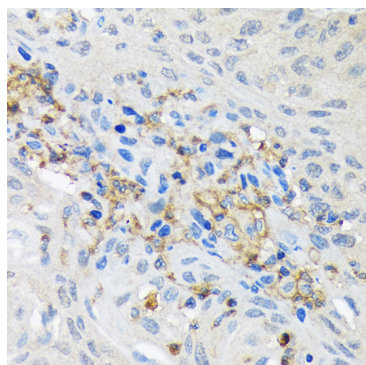Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using GNB2 Rabbit mAb (A9643) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using GNB2 Rabbit mAb (A9643) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.