

GNB4 Rabbit pAb

CatalogNo: YN7644

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 37kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human GNB4

Specificity This antibody detects endogenous levels of GNB4 at Human, Mouse, Rat

Target Information

Gene name GNB4

Protein Name Guanine nucleotide-binding protein subunit beta-4 (Transducin beta chain 4)

| Organism | Gene ID | UniProt ID |
|----------|-------------------------|-------------------------|
| Human | 59345; | Q9HAV0; |
| Mouse | 14696; | P29387; |
| Rat | 294962; | O35353; |

Tissue specificity Strongly expressed in lung and placenta, whereas it is weakly expressed in brain and heart. Abundantly expressed in the axons and Schwann cells of peripheral nerves.

Function Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

| Validation Data

| Contact information

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GNB4 Rabbit pAb

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