

## 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. AA range:1-130

**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	<a href="#">59345;</a>	<a href="#">Q9HAV0;</a>
Mouse	<a href="#">14696;</a>	<a href="#">P29387;</a>
Rat	<a href="#">294962;</a>	<a href="#">O35353;</a>

**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.

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## | Validation Data

## | Contact information

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**GNB4 Rabbit pAb**

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