

## NGF Rabbit pAb

CatalogNo: YT3114 **Orthogonal Validated** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 27kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000****IHC: 1:100-300****ELISA 1:20000****IF 1:100-300****Not yet tested in other applications.**

### 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.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human NGF. AA range:33-82**Specificity** NGF Polyclonal Antibody detects endogenous levels of NGF protein.

---

## | Target Information

**Gene name** NGF

**Protein Name** Beta-nerve growth factor

Organism	Gene ID	UniProt ID
Human	<a href="#">4803;</a>	<a href="#">P01138;</a>
Mouse	<a href="#">18049;</a>	<a href="#">P01139;</a>
Rat	<a href="#">310738;</a>	<a href="#">P25427;</a>

**Cellular Localization** Secreted . Endosome lumen . ProNGF is endocytosed after binding to the cell surface receptor formed by SORT1 and NGFR. .

**Tissue specificity** Brain,Epithelium,Eye,Leukocyte,

**Function** Disease:Defects in NGF are the cause of hereditary sensory and autonomic neuropathy type 5 (HSAN5) [MIM:608654]. The hereditary sensory and autonomic neuropathies are a genetically and clinically heterogeneous group of disorders characterized by degeneration of dorsal root and autonomic ganglion cells, and by sensory and/or autonomic abnormalities. HSAN5 patients manifest loss of pain perception and impaired temperature sensitivity, ulcers, and in some cases self-mutilation. The autonomic involvement is variable.,Function:Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. It stimulates division and differentiation of sympathetic and embryonic sensory neurons.,online information:Nerve growth factor entry,similarity:Belongs to the NGF-beta family.,subunit:Homodimer.,

---

## | Validation Data

## | Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**NGF Rabbit pAb**