# Ngf polyclonal antibody

Catalog # PAB0755 Size 250 uL

## Specification

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|---|---|
| **Product Description** | Sheep polyclonal antibody raised against native Ngf. |
| **Immunogen** | Native purified mouse Ngf from submaxillary salivary gland. |
| **Host** | Sheep |
| **Reactivity** | Birds, Human, Mouse, Rat |
| **Specificity** | A cross reactivity of less than 1% to recombinant human BDNF, NT3, NT4/5 by ELISA has been sho wn. |
| **Form** | Lyophilized |
| **Purity** | Whole serum |
| **Recommend Usage** | ELISA (1:15000)<br>Immunohistochemistry (1:1000-1:5000)<br>Inhibition assay (1:10-50 for in vitro 5-10 uL/g body weight for in vivo)<br>Western Blot (1:1000-1:5000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | Lyophilized from PBS. |
| **Storage Instruction** | Store at -20°C.<br>After reconstitution with 250 uL of sterile water, store at -20°C for a higher stability, and at 4°C with a n appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- Immunohistochemistry (Frozen sections)
- Enzyme-linked Immunoabsorbent Assay
- Inhibition Assay

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- Western Blot

## Gene Info — Ngf

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|---|---|
| **Entrez GeneID** | 18049 |
| **Protein Accession#** | P01139 |
| **Gene Name** | Ngf |
| **Gene Alias** | Ngfb |
| **Gene Description** | nerve growth factor |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | beta |
| **Other Designations** | nerve growth factor, beta |

## Publication Reference

- NGF and proNGF Reciprocal Interference in Immunoassays: Open Questions, Criticalities, and Ways Forward.

  Francesca Malerba, Francesca Paoletti, Antonino Cattaneo

  Front Mol Neurosci 2016 Aug; 9:63.

  Application: WB

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