

## Product datasheet for **TA349414S**

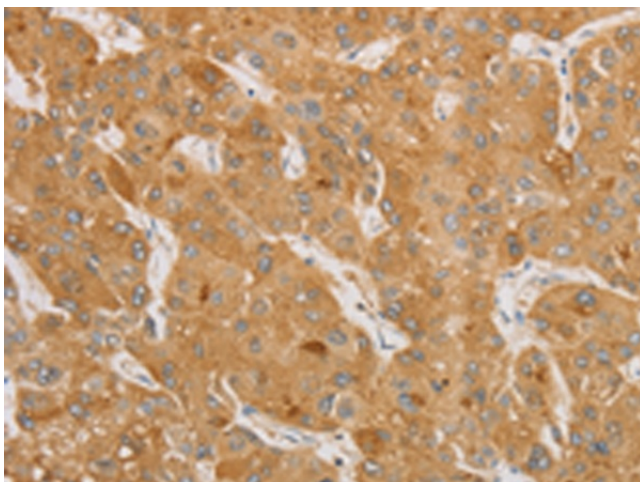
### NGF Rabbit Polyclonal Antibody

#### Product data:

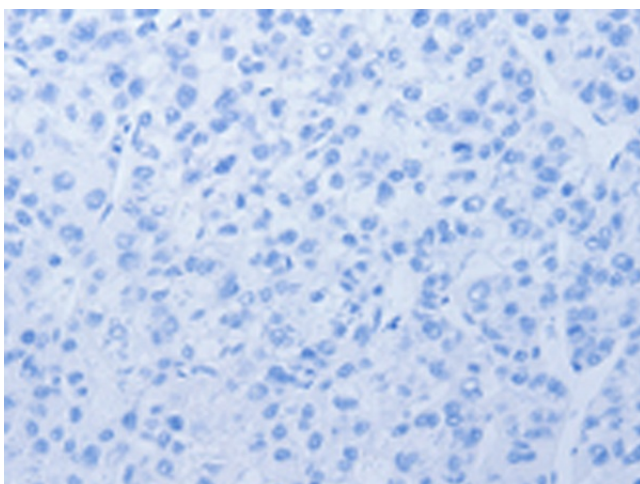
|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | IHC   |
| Recommended Dilution: | IHC: 50-200<br>Positive control: Human liver cancer<br>Predicted cell location: Cytoplasm   |
| Reactivity:           | Human, Mouse, Rat   |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | Fusion protein of human NGF   |
| Formulation:          | pH7.4 PBS, 0.05% NaN3, 40% GlycerolIn   |
| Purification:         | Antigen affinity purification   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | nerve growth factor   |
| Database Link:        | <a href="#">NP_002497</a><br><a href="#">Entrez Gene 18049 Mouse</a> <a href="#">Entrez Gene 310738 Rat</a> <a href="#">Entrez Gene 4803 Human</a><br><a href="#">P01138</a>  |
| Background:           | This gene is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. This protein has nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons. Mutations in this gene have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of this gene's expression is associated with allergic rhinitis. |
| Synonyms:             | Beta-NGF; HSAN5; NGFB   |
| Protein Families:     | Druggable Genome, Secreted Protein  |
| Protein Pathways:     | Apoptosis, MAPK signaling pathway, Neurotrophin signaling pathway   |



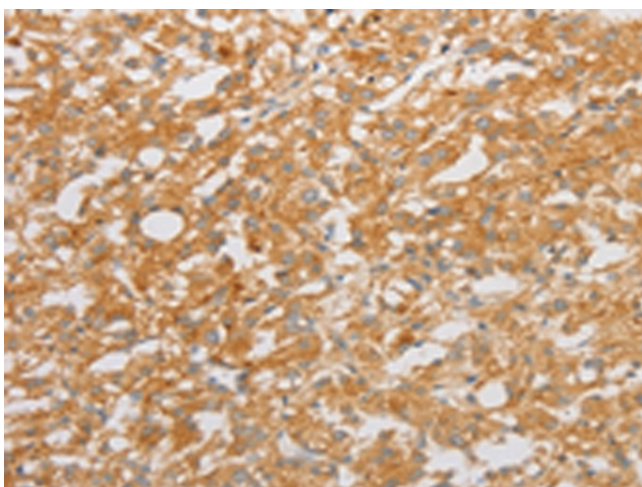
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**Product images:**

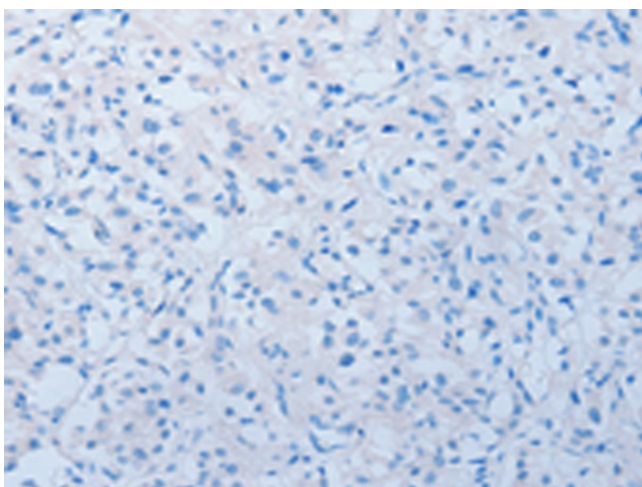
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349414] (NGF Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349414] (NGF Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349414] (NGF Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349414] (NGF Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )