

## Product datasheet for **TA349414**

### NGF Rabbit Polyclonal Antibody

#### Product data:

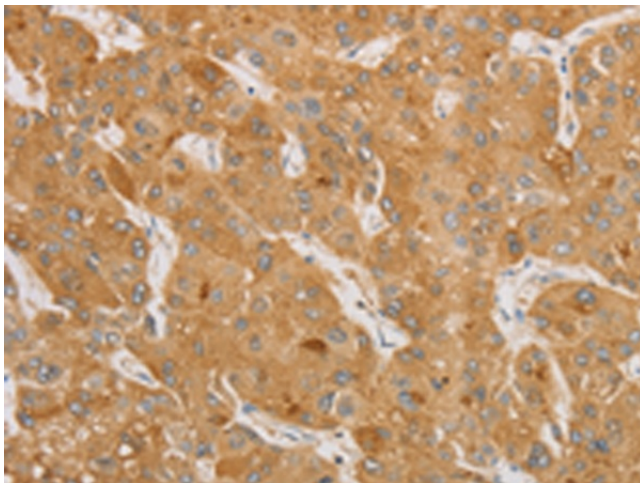
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NGF
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
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> <a href="#">Entrez Gene 18049 Mouse</a> <a href="#">Entrez Gene 310738 Rat</a> <a href="#">Entrez Gene 4803 Human</a> <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



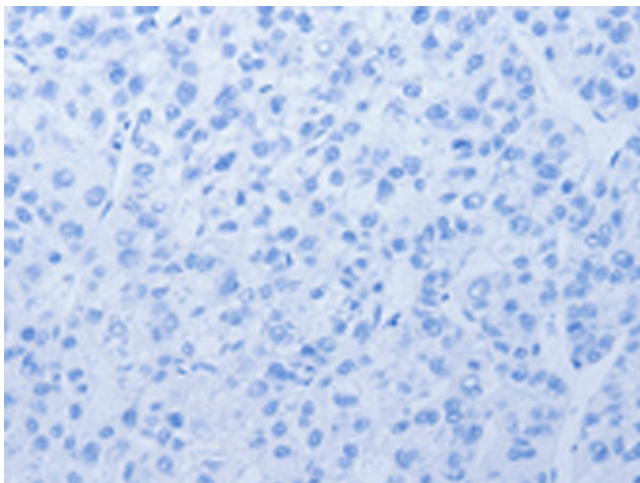
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Protein Pathways: Apoptosis, MAPK signaling pathway, Neurotrophin signaling pathway

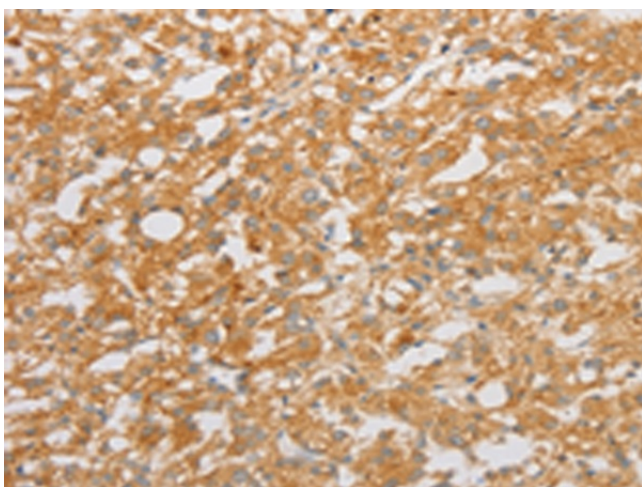
### Product images:



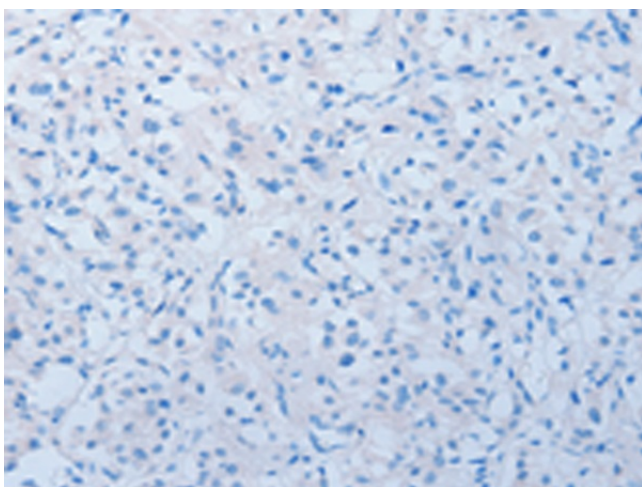
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349414 (NGF Antibody) at dilution 1/50 (Original magnification: ×200)



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:  $\times 200$ )