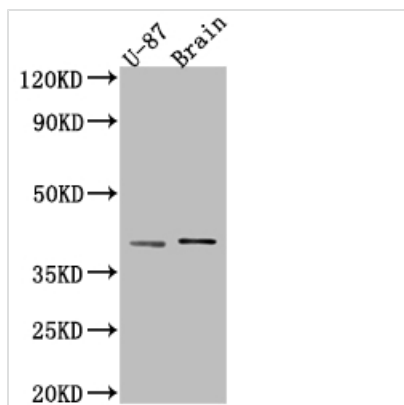




# NGF Recombinant Monoclonal Antibody

|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-RA288635A0HU   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| <b>Uniprot No.</b>         | P01138   |
| <b>Immunogen</b>           | A synthesized peptide derived from human NGF   |
| <b>Species Reactivity</b>  | Human, Rat   |
| <b>Tested Applications</b> | ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200  |
| <b>Relevance</b>           | Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. Extracellular ligand for the NTRK1 and NGFR receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival. Inhibits metalloproteinase dependent proteolysis of platelet glycoprotein VI (PubMed:20164177). |
| <b>Form</b>                | Liquid   |
| <b>Conjugate</b>           | Non-conjugated   |
| <b>Storage Buffer</b>      | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.  |
| <b>Purification Method</b> | Affinity-chromatography  |
| <b>Isotype</b>             | Rabbit IgG   |
| <b>Clonality</b>           | Monoclonal   |
| <b>Product Type</b>        | Recombinant Antibody   |
| <b>Immunogen Species</b>   | Homo sapiens (Human)   |
| <b>Research Area</b>       | Neuroscience   |
| <b>Target Names</b>        | NGF  |
| <b>Clone No.</b>           | 5F10   |

## Image



### Western Blot

Positive WB detected in: U-87 whole cell lysate, Rat Brain whole cell lysate

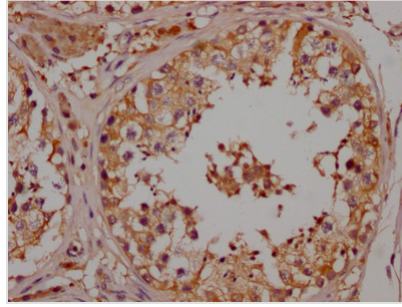
All lanes: NGF antibody at 1:1000

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 27 kDa

Observed band size: 39 kDa



IHC image of CSB-RA288635A0HU diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4? overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

## Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.