

## PRODUCT INFORMATION SUMMARY

### Anti-Beta NGF (Polyclonal Rabbit)

|                              |                |         |        |
|------------------------------|----------------|---------|--------|
| Purified Polyclonal Antibody | Product Number | RHF280  | 0.1 mg |
| Biotin Conjugate             | Product Number | RHF280B | 50 ug  |

#### SPECIFICITY:

**Rabbit** polyclonal antibodies to human Nerve Growth Factor Beta (NGF), produced from highly purified recombinant human NGF Beta immunogen. Human NGF Beta acts to support the survivability and growth of nerve and glial cells, and is a 27 kDa dimer. Antiserum fraction further purified by **Antigen-Affinity** Chromatography, to produce highly specific, high titre preparation.

**SOURCE:** Rabbit antiserum.

#### RESEARCH APPLICATIONS:

Identification of human NGF Beta in body fluids and tissue sections.

**ELISA :** Antibody concentration of 0.5 ug/mL was used (100 uL/well) in ELISA to detect 0.4 ng/well NGF Beta . Customer should optimize) For **Biotin conjugate** use at 0.2 - 0.3 ug/mL (optimize).

**NEUTRALIZING ACTIVITY:** Antibody concentration of 0.08 ug/mL was used to achieve one-half maximal inhibition of 1.0 ng/mL of recombinant human Beta NGF.

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane recombinant human Beta NGF under both reducing and non-reducing conditions.

#### HANDLING AND STORAGE:

Purified polyclonal antibody provided lyophilized from PBS, preservative-free. Reconstitute with 100 uL distilled or sterile water; **For Biotin conjugate**, reconstitute with 500 uL sterile PBS **containing 0.1% BSA**. This is stable for approximately one month in liquid state, stored at 4 degrees C. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Small aliquots should be frozen at -20 ° C for long-term storage, or preservative added as suitable for application. Avoid repeat freeze-thaw cycles.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

**RESEARCH USE ONLY. NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**