

## PRODUCT INFORMATION SUMMARY

### Anti-NT-4 (Polyclonal)

Purified Polyclonal Antibody	Product Number	RHF480	0.1 mg
Biotin Conjugate	Product Number	RHF480B	50 ug

\* Antigen-Affinity Purified

#### SPECIFICITY:

Rabbit polyclonal antibodies to human Neurotrophin-4, (NT-4), produced from highly purified recombinant human NT-4 immunogen. Human NT-4 acts to support the survivability and growth of nerve and glial cells, and is a 28 kDa dimer, containing two 130 a.a. subunits. Antiserum fraction further purified by **Antigen-Affinity** chromatography, to produce high titre, high specificity preparation.

**SOURCE:** Rabbit antiserum.

#### RESEARCH APPLICATIONS:

Identification of human NT-4 in body fluids and tissue sections.

**ELISA:** Antibody concentration of 0.5 ug/mL (100 uL/well) was used in ELISA to detect 0.4 ng/well of recombinant human NT-4.

**NEUTRALIZING ACTIVITY:** Antibody concentration of 4.0 ug/mL achieved one-half maximal inhibition of 50.0 ng/mL human NT-4.

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane recombinant human NT-4, under both reducing and non-reducing conditions.

#### HANDLING AND STORAGE:

Purified polyclonal antibody provided lyophilized from PBS, preservative-free. Reconstitute with 100 uL distilled water or sterile water. 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. Reagents in a liquid state are stable for approximately one-month when stored at 2-8° C. 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.**