

## Product datasheet for **TA388898**

### NTF3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, Neutralize, WB
Recommended Dilution:	Sandwich ELISA: To detect hNT-3 by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with ProSci's Biotinylated Anti-Human NT-3 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNT-3. Western Blot To detect hNT-3 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNT-3 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hNT-3. Anti-Human NT-3 specific antibody was purified by affinity chromatography employing immobilized hNT-3 matrix.
Concentration:	lot specific
Purification:	NT-3 specific antibody was purified by affinity chromatography employing immobilized hNT-3 matrix
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	<a href="#">P20783</a>



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**Background:**

NT-3 is a neurotrophic factor structurally related to beta-NGF, BDNF, and NT-4. These proteins belong to the cysteine-knot family of growth factors that assume stable dimeric structures. NT-3 is expressed by neurons of the central nervous system, and can signal through the trk receptors. NT-3 promotes the growth and survival of nerve and glial cells. The amino acid sequences of human, murine and rat NT-3 are identical. Recombinant Human NT-3 is a noncovalently linked homodimer of two 13.6 kDa polypeptide monomers (240 total amino acid residues).