

## Product datasheet for **TA354840**

### Neurofibromin (NF1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the C terminus of human neurofibromin. This sequence is identical among human, rat, mouse, chicken, bovine and dog.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	240 kDa
Gene Name:	neurofibromin 1
Database Link:	<a href="#">NP_000258</a> <a href="#">Entrez Gene 4763 Human</a> <a href="#">P21359</a>
Background:	The neurofibromatosis type 1 (NF1) tumor suppressor (neurofibromin) is thought to play crucial roles in cellular Ras- and cAMP-dependent kinase (PKA)-associated signals. The absence of or alteration of the neurofibromin protein may lead to neurofibromatosis disease. Recently, a cellular neurofibromin-associating protein, NG,NG-dimethylarginine dimethylaminohydrolase (DDAH) has been identified as a cellular NO/NOS regulator which increases PKA phosphorylation of native neurofibromin in a dose-dependent manner. The PKA accessibility of neurofibromin regulated via DDAH interaction may modulate the cellular function of neurofibromin that is implicated in NF1-related pathogenesis.



[View online »](#)

Synonyms: NFNS; VRNF; WSS

Protein Families: Druggable Genome

Protein Pathways: MAPK signaling pathway

**Product images:**



WB: The whole cell lysates derived from hypoxic mouse brain were immunoblotted by Rabbit anti-NF1 at 1:1000