

Product datasheet for **AP09450PU-N**

NF2 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	Peptide ELISA: antibody detection limit dilution 1:32000. Immunohistochemistry: This product has been successfully used by customers on Formalin/PFA-fixed paraffin-embedded sections of Zebrafish Brain Cortex.
Reactivity:	Zebrafish
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide from the internal region of the protein sequence according to NP_998116.1
Specificity:	This antibody detects Neurofibromin 2 (Internal).
Formulation:	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neurofibromin 2 (merlin)
Database Link:	Entrez Gene 4771 Human P35240



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Background:	<p>Neurofibromin 2 (NF2) is a tumor suppressor gene encoding the protein Merlin. Merlin is closely related to the ERM (ezrin, radixin, moesin) family of proteins. The precise function of Merlin is not clear. It is thought to provide a link between the actin cytoskeleton and membrane associated proteins, playing a role in transduction of extracellular signals. It has been implicated in cell proliferation and cellular motility.</p> <p>Mutations in the NF2 gene cause neurofibromatosis type II, a condition characterised by the development of tumors in the central nervous system.</p>
Synonyms:	Neurofibromin-2, NF2, SCH, Schwannomin, Schwannomerlin
Protein Families:	Druggable Genome