

ARG64326 anti-NF2 / Merlin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes NF2 / Merlin
Tested Reactivity	Hu, Zfsh
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NF2 / Merlin
Species	Zebrafish
Immunogen	C-EKSKHLQDQLK
Conjugation	Un-conjugated
Alternate Names	Merlin; Schwannomin; SCH; Schwannomerlin; ACN; Moesin-ezrin-radixin-like protein; BANF; Neurofibromin-2

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml

Application Note IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

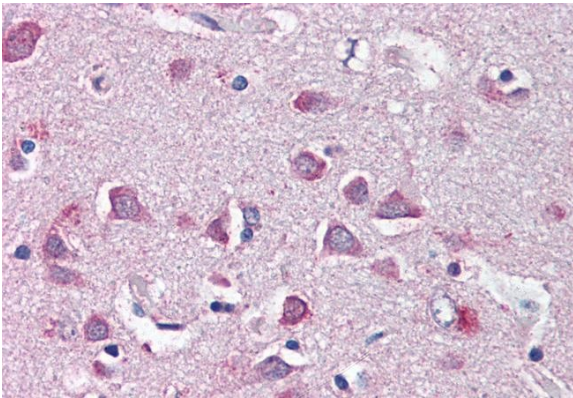
Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 405887 Zebrafish GeneID: 4771 Human Swiss-port # P35240 Human
Gene Symbol	nf2b
Gene Full Name	neurofibromin 2b (merlin)
Research Area	Cancer antibody; Gene Regulation antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	70 kDa
PTM	Phosphorylation of Ser-518 inhibits nuclear localization by disrupting the intramolecular association of the FERM domain with the C-terminal tail (PubMed:20178741). The dephosphorylation of Ser-518 favors the interaction with NOP53 (PubMed:21167305). Ubiquitinated by the CUL4A-RBX1-DDB1-DCAF1/VprBP E3 ubiquitin-protein ligase complex for ubiquitination and subsequent proteasome-dependent degradation.

Images



ARG64326 anti-NF2 / Merlin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64326 anti-NF2 / Merlin antibody at 5 µg/ml dilution followed by AP-staining.