

Nrif1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57132

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q923B3
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93650

Additional Information

Gene ID	65020
Other Names	Neurotrophin receptor-interacting factor 1, Neurotrophin receptor-interacting factor, Zinc finger protein 110, Nrif1, Nrif, Zfp110
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Nrif1
Synonyms	Nrif, Zfp110
Function	Transcription regulator involved in NGFR/p75(NTR)-mediated apoptosis. Essential component of the NGFR/p75(NTR) apoptotic pathway: upon ligand-binding and subsequent cleavage of NGFR/p75(NTR), binds to the intracellular domain (ICD) cleavage product of NGFR/p75(NTR), translocates to the nucleus and induces apoptosis, possibly by regulating expression of key regulators of apoptosis. Induces NGFR/p75(NTR)-mediated apoptosis in retina and sympathetic neurons. May also regulate expression of neuronal cholesterol biosynthesis genes. Probably acts as a transcription repressor: specifically binds to the 3'-end of zinc-finger coding genes and recruiting chromatin-modifying proteins such as SETDB1 and TRIM28/KAP1, leading to transcription repression.
Cellular Location	Cytoplasm. Nucleus. Note=Translocates into the nucleus following binding to TRAF6 and subsequent ubiquitination at Lys-15

Tissue Location

Ubiquitously expressed at low level. Expressed at higher level in testis

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