

MANF

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100

Calculated MW: 21kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human MANF

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ARP; ARMET;

Catalog #: A7005

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 7873

Isotype: IgG

Swiss Prot: P55145

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of this protein is important in promoting the survival of dopaminergic neurons. The presence of polymorphisms in the N-terminal arginine-rich region, including a specific mutation that changes an ATG start codon to AGG, have been reported in a variety of solid tumors; however, these polymorphisms were later shown to exist in normal tissues and are thus no longer thought to be tumor-related.

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