

Datasheet for ABIN6990804  
**anti-MANF antibody (N-Term)**



[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	MANF
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MANF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Anti-MANF antibody was raised against a peptide corresponding to 12 amino acids near the amino terminus of human MANF. The immunogen is located within the first 50 amino acids of MANF.
Isotype:	IgG
Specificity:	This antibody does not cross-react with CDNF.
Purification:	MANF Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	MANF
Alternative Name:	MANF ( <a href="#">MANF Products</a> )

## Target Details

**Background:** MANF Antibody: MANF, also known as ARMET, was initially identified as a protein containing an arginine-rich region that was highly mutated in a variety of tumors. More recently it was identified as a mesencephalic astrocyte-derived neurotrophic factor with selectivity for dopaminergic neurons, similar to glial cell line-derived neurotrophic factor (GDNF) and CDNF. In rat brain slices, MANF enhanced nigral gamma-aminobutyric acid release. Like GDNF and CDNF, MANF has selective neuroprotective activity for dopaminergic neurons suggesting that it may be indicated for the treatment of Parkinson's disease. Expression of MANF has also been shown to be induced during ER stress, suggesting that it may play a role in protein quality control during ER stress.

**Molecular Weight:** Predicted: 20kD  
Observed: 26 kD kDa

**Gene ID:** 7873

**UniProt:** [P55145](#)

## Application Details

**Application Notes:** WB: 0.125-2 µg/mL, IHC: 2.5 µg/mL, IF: 20 µg/mL.  
  
Antibody validated: Western Blot in human and rat samples, Immunohistochemistry in human samples, Immunofluorescence in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** MANF Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, 4 °C

## Handling

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Storage Comment: MANF antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.