

Datasheet for ABIN500226
anti-MANF antibody (N-Term)[Go to Product page](#)

2 Images

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), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	MANF antibody was raised against a 12 amino acid peptide from near the amino terminus of human MANF.
Isotype:	IgG
Specificity:	This antibody detects ARMET / ARP at N-term. It does not cross-react with CDNF.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	MANF
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Target Details

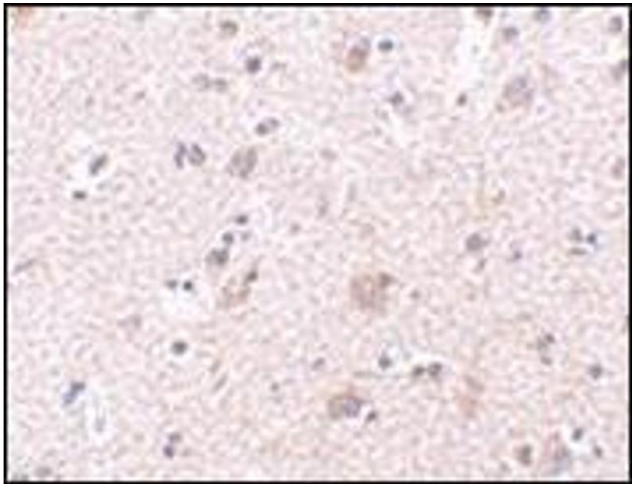
Alternative Name:	ARMET / ARP (MANF Products)
Background:	<p>MANF, also known as ARMET, was initially identified as a protein containing an arginine-rich region that was highly mutated in a variety of tumors. More recently it was identified as a mesencephalic astrocyte-derived neurotrophic factor with 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. Synonyms: Arginine-rich protein, MANF, Mesencephalic astrocyte-derived neurotrophic factor</p>
Gene ID:	7873
UniProt:	P55145

Application Details

Application Notes:	<p>ELISA. Western blot: 1 - 2 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

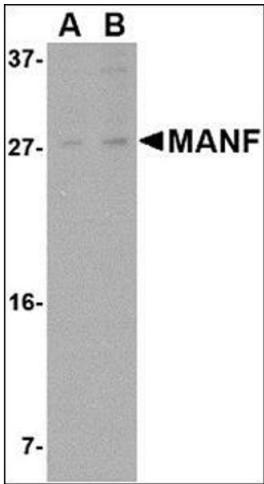
Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of MANF in human brain tissue with this product at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of MANF in rat brain tissue lysate with this product at (A) 1 and (B) 2 µg/ml.