

Rabbit MANF Polyclonal Antibody | anti-ARMET antibody

MANF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40120	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

MANF; Polyclonal Antibody; MANF Antibody; ARP; ARMET; Mesencephalic astrocyte-derived neurotrophic factor; Arginine-rich protein; arginine-rich; mutated in early stage tumors; anti-ARMET antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody does not cross-react with CDNF.
Purity/Purification	MANF Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	179
Applicable Applications for anti-ARMET antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	MANF antibody was raised against a 12 amino acid synthetic peptide from near the amino terminus of human MANF.
Buffer	MANF Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	MANF antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of MANF in Human Brain tissue with MANF antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of MANF in human brain tissue with MANF antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of MANF in rat brain tissue lysate with MANF antibody at (A) 1 and (B) 2
μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ARMET antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23503040
NCBI GeneID	7873
UniProt Accession #	P55145; Q14CX4; Q86U67; Q96IS4
Molecular Weight	Predicted: 20 kDa Observed: 27 kDa
NCBI Official Full Name	Mesencephalic astrocyte-derived neurotrophic factor
NCBI Official Synonym Full Names	mesencephalic astrocyte-derived neurotrophic factor
NCBI Official Symbol	MANF
NCBI Official Synonym Symbols	ARP; ARMET
NCBI Protein Information	mesencephalic astrocyte-derived neurotrophic factor; arginine-rich, mutated in early stage tumors
UniProt Protein Name	Mesencephalic astrocyte-derived neurotrophic factor
UniProt Gene Name	MANF
UniProt Synonym Gene Names	ARMET; ARP
UniProt Entry Name	MANF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/manf-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40120>