



Rabbit antibody to human MANF (Mesencephalic astrocyte-derived neurotrophic factor): affinity purified

Catalogue No.:	R-1675-100
Description:	MANF is a trophic factor for midbrain dopamine neurons in vivo. It prevents the 6-OHDA-induced degeneration of dopamine neurons in rodent models of Parkinson's disease (Lindholm et al., 2008, Voutilainen et al., 2009). When administered after 6-OHDA-lesioning it restores the dopaminergic function and prevents degeneration of dopamine neurons in substantia nigra pars compacta.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human MANF protein produced using CHO-based cell line. Immunogen is purified from cell culture supernatant.
Sequence:	Uniprot P55145, whole molecule
Antibody Type:	Polyclonal
Isotype:	IgG
Other Names:	ARMET, ARP
Accession:	P55145
Produced in:	Rabbit
Molecular Weight:	~15kDa
Purity:	Affinity purified.
Applications:	Western blot (WB) at a suggested dilution of 1:2,000 - 1:6,000. Immunohistochemistry (IHC) and Immunofluorescence (IF). Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	MANF (Mesencephalic astrocyte-derived neurotrophic factor). No cross-reactivity in MANF-knockout mouse. No cross-reactivity with CDNF in IHC, slightly cross-reacts with purified CDNF in WB.
Species Against:	Human
Cross-reactivity:	No cross-reactivity with CDNF in IHC, slightly cross-reacts with purified CDNF in WB.
Form:	Concentrated ammonium sulfate in PBS pH 7.4 containing no preservatives.
Reconstitution:	Store antibody stock solution at 2-8C upon receipt. DO NOT FREEZE. This product is an (NH ₄) ₂ SO ₄ precipitate. To use, mix well by pipetting or vortexing gently prior use, then withdraw the desired amount of antibody stock solution and dilute into your antibody dilution buffer and use normally. Alternatively, material can be centrifuged at 10K x g for 5 minutes and the liquid sulfate solution carefully removed. Then precipitated antibody can be resuspended in 0.1M P, 250mM NaCL, pH 7.4 solution. The solution should then be divided into working aliquots and stored at -80C until used. Prevent multiple freeze thaw cycles of aliquots for best product life.
Storage:	Store antibody stock solution at 2-8C upon receipt. DO NOT FREEZE. This product is an

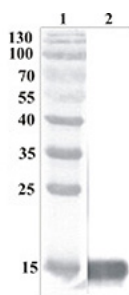
FOR RESEARCH USE ONLY



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(NH₄)₂SO₄ precipitate. See reconstitution instructions for more information.

Expiry Date: 12 months after purchase



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