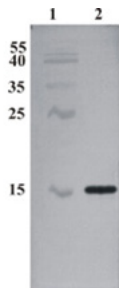


Rabbit antibody to human CDNF (conserved dopamine neurotrophic factor)

Catalogue No.:	R-1674-100
Description:	CDNF (conserved dopamine neurotrophic factor) is a trophic factor for midbrain dopamine neurons in vivo. It prevents the 6-OHDA- (Lindholm et al. 20007; Voutilainen et al., 2011) and MPTP-induced degeneration (Airavaara et al., 2012) of dopamine neurons in rodent models of Parkinson's disease. When administered after 6-OHDA or MPTP -lesioning it restores the dopaminergic function and prevents degeneration of dopamine neurons in substantia nigra pars compacta.
Related products:	M-1676-100; M-1677-100; BEK-2212-2P ELISA
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human CDNF protein produced using CHO-based cell line. Purified from cell culture supernatant.
Sequence:	whole molecule, Uniprot Q49AH0
Antibody Type:	Polyclonal
Isotype:	IgG
Other Names:	ARMETL1
Accession:	Q49AH0
Produced in:	Rabbit
Molecular Weight:	~15kDa reducing gel, mature forms
Purity:	Affinity purified
Applications:	Western blot (WB) at a suggested dilution of 1:6,000 - 1:10,000. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	CDNF (conserved dopamine neurotrophic factor)
Species Against:	Human
Form:	Concentrated ammonium sulphate 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 at 2-8C upon receipt; Do not freeze. See reconstitution instructions for handling information.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY

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Western Blot testing of rabbit anti-CDFN antibody. Line 1. PageRuler Prestained Protein Ladder (#SM0671 Fermentas); Line 2. Recombinant CDFN expressed into the supernatant of CHO cell culture medium.

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