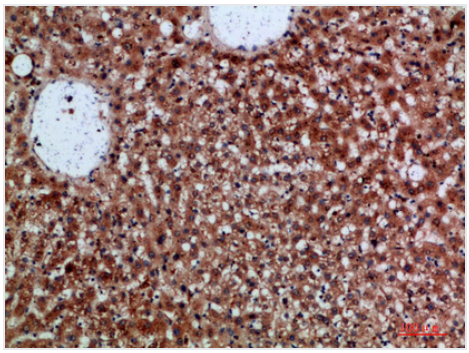
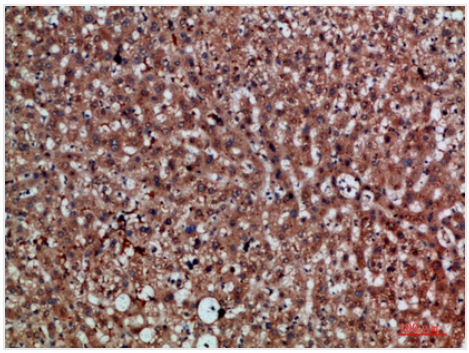
CDNF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CDNF, Polyclonal Antibody
Full Product Name	CDNF Rabbit Polyclonal Antibody
Product Gene Name	anti-CDNF antibody
Product Synonym Gene Name	CDNF, ARMETL1
Product Synonym Names	Cerebral dopamine neurotrophic factor (ARMET-like protein 1)(Conserved dopamine neurotrophic factor); BH6842; Cerebral dopamine neurotrophic factor (ARMET-like protein 1)(Conserved dopamine neurotrophic factor)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	The antibody detects endogenous CDNF
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	9,806 Da
OMIM	611233
3D Structure	ModBase 3D Structure for Q49AH0
Immunogen	Synthetic peptide from human protein at AA range: 31-80
Modification	Unmodified/Total
Applications Tested/Suitable for anti-CDNF antibody	Immunohistochemistry-Paraffin (IHC-P), Immunofluorescence (IF)(paraffin section), ELISA (EIA)
Application Notes for anti-CDNF antibody	IHC-p: 1:50-200 ELISA: 1:10000-20000
Related Product Information for anti-CDNF antibody	CDNF (Cerebral Dopamine Neurotrophic Factor) is a Protein Coding gene. Trophic factor for dopamine neurons. Prevents the 6-hydroxydopamine (6-OHDA)-induced degeneration of dopaminergic neurons. When administered after 6-OHDA-lesioning, restores the dopaminergic function and prevents the degeneration of dopaminergic neurons in substantia nigra (By similarity).
Other Notes	Small volumes of anti-CDNF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CDNF purchase	MBS9512609 is an antibody targeting CDNF. Also known as CDNF Rabbit Polyclonal Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-CDNF antibody
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



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Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDNF. It may not necessarily be applicable to this product.

NCBI GI #	143955278
NCBI GeneID	441549
NCBI Accession #	Q49AH0.2
UniProt Primary Accession #	Q49AH0
UniProt Secondary Accession #	A2RUU0; B4DVW3
UniProt Related Accession #	Q49AH0
NCBI Official Full Name	Cerebral dopamine neurotrophic factor
NCBI Official Synonym Full Names	cerebral dopamine neurotrophic factor
NCBI Official Symbol	CDNF
NCBI Official Synonym Symbols	ARMETL1
UniProt Protein Name	Cerebral dopamine neurotrophic factor
UniProt Synonym Protein Names	ARMET-like protein 1; Conserved dopamine neurotrophic factor
Protein Family	Cerebral dopamine neurotrophic factor
UniProt Gene Name	CDNF
UniProt Synonym Gene Names	ARMETL1
UniProt Entry Name	CDNF_HUMAN
NCBI Protein Information	cerebral dopamine neurotrophic factor; ARMET-like protein 1; conserved dopamine neurotrophic factor; arginine-rich, mutated in early stage tumors-like 1
UniProt Comments for CDNF	ARMETL1: Trophic factor for dopamine neurons. Prevents the 6- hydroxydopamine (6-OHDA)-induced degeneration of dopaminergic neurons. When administered after 6-OHDA-lesioning, restores the dopaminergic function and prevents the degeneration of dopaminergic neurons in substantia nigra. Belongs to the ARMET family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 10p13 Cellular Component: extracellular region Molecular Function: growth factor activity

Research Articles on CDNF	**1.** Although no CDNF mutations are found in early-onset Parkinson's disease patient samples, a trend towards increased risk for Parkinson's in carriers of the C allele of rs7094179 single nucleotide polymorphism (SNP) is found.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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