

Rabbit CDNF Polyclonal Antibody | anti-CDNF antibody

CDNF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305923	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

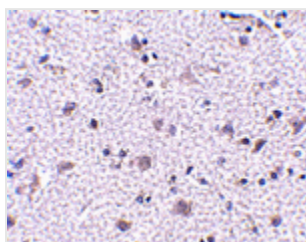
PRODUCT SYNONYMS

CDNF; Polyclonal Antibody; CDNF Antibody; Conserved dopamine neurotrophic factor; arginine-rich; mutated in early stage tumors-like 1; ARMET-like 1; ARMETL1; anti-CDNF antibody

PRODUCT SPECIFICATIONS

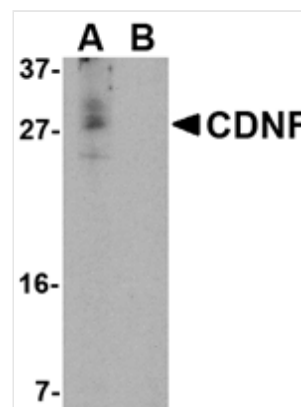
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody does not cross-react with MANF.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	187
Applicable Applications for anti-CDNF antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 12 amino acid peptide from near the amino terminus of human CDNF.
Target Name	CDNF
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)

Immunohistochemistry of CDNF in human brain tissue with CDNF antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of CDNF in A-20 cell lysate in (A) the absence and (B) the presence of blocking peptide with CDNF antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CDNF antibody	The conserved dopamine neurotrophic factor (CDNF) is a neurotrophic factor for dopaminergic neurons and highly homologous to the mesencephalic-astrocyte-derived neuro-trophic factor. Somewhat surprisingly, CDCF is expressed at higher levels in tissues such as heart, skeletal muscle and testes than in brain. Similar to the glial cell line-derived neurotrophic factor (GDNF), CDNF can prevent the 6-hydroxylamine (6-OHDA)-induced degeneration of dopaminergic neurons in a rat model of Parkinson's disease. Furthermore, CDNF was able to restore the dopaminergic function and prevent the degeneration of dopaminergic neurons in the substantia nigra, suggesting that CDNF might be suitable for the treatment of Parkinson's disease. At least two isoforms of CDNF are known to exist.
Product Categories/Family for anti-CDNF antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	82880674
NCBI GeneID	441549
NCBI Accession #	NP_001025125.2
NCBI GenBank Nucleotide #	NM_001029954.2
UniProt Accession #	Q49AH0; A2RUU0; B4DVW3
Molecular Weight	9,806 Da
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
NCBI Protein Information	cerebral dopamine neurotrophic factor
UniProt Protein Name	Cerebral dopamine neurotrophic factor
UniProt Gene Name	CDNF
UniProt Synonym Gene Names	ARMETL1
UniProt Entry Name	CDNF_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://www.aaabiotech.com/polyclonal/cdnf-antibody-immunohistochemistry-western-blot-elisa/305923>