



Datasheet for ABIN499609
anti-CDNF antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	CDNF
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDNF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	CDNF antibody was raised against a 9 amino acid peptide from near the carboxy terminus of human CDNF.
Isotype:	IgG
Specificity:	This antibody reacts to CDNF.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CDNF
Alternative Name:	CDNF (CDNF Products)

Target Details

Background: 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. Synonyms: ARMET-like protein 1, ARMETL1, Cerebral dopamine neurotrophic factor, Conserved dopamine neurotrophic factor

Gene ID: 441549

UniProt: [Q49AH0](#)

Application Details

Application Notes: ELISA. Western Blot: CDNF antibody can be used for detection of CDNF at 2 - 4 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

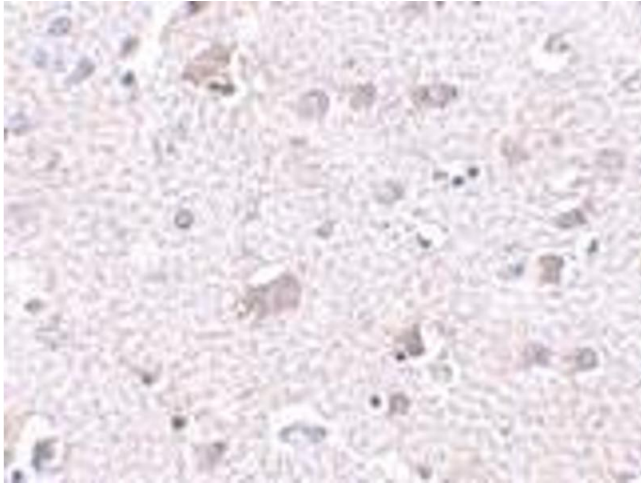
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

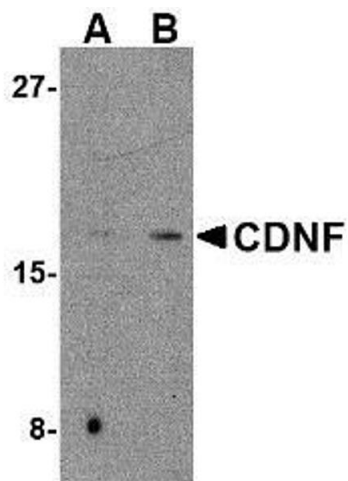
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of CDNF in human brain tissue with CDNF antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of CDNF in mouse brain tissue lysate with AP30221PU-N CDNF antibody at (A) 2 and (B) 4 µg/ml.