

CDNF / ARMETL1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12431**Specification**

CDNF / ARMETL1 Antibody (C-Terminus) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q49AH0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

CDNF / ARMETL1 Antibody (C-Terminus) - Additional Information**Gene ID** 441549**Other Names**

Cerebral dopamine neurotrophic factor, ARMET-like protein 1, Conserved dopamine neurotrophic factor, CDNF, ARMETL1

Target/Specificity

a 9 amino acid peptide from near the carboxy terminus of human CDNF

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

CDNF / ARMETL1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CDNF / ARMETL1 Antibody (C-Terminus) - Protein Information**Name** CDNF**Synonyms** ARMETL1**Function**

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).

Cellular Location

Secreted

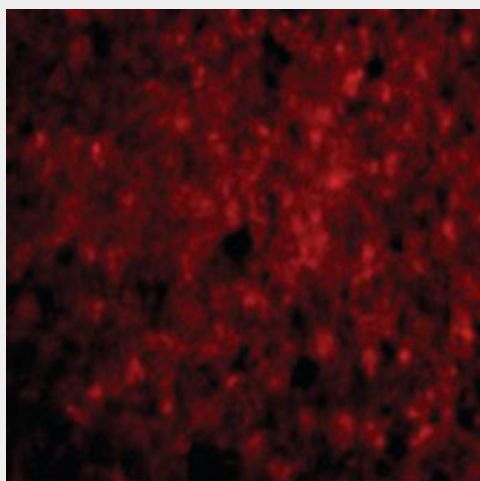
Tissue Location

Widely expressed in neuronal and non-neuronal tissues. In the brain, highest levels in the optic nerve and corpus callosum.

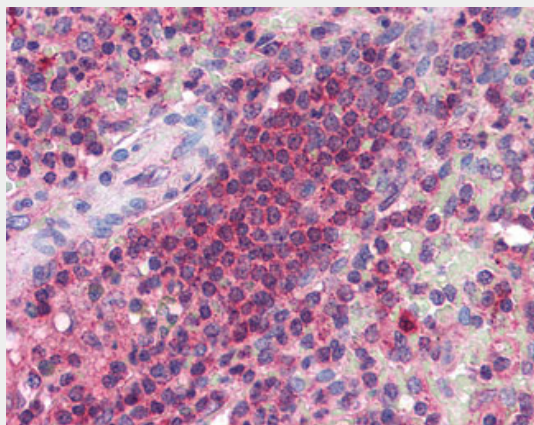
CDNF / ARMETL1 Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDNF / ARMETL1 Antibody (C-Terminus) - Images

Immunofluorescence of CDNF in Human Brain cells with CDNF antibody at 20 ug/ml.



Anti-CDNF / ARMETL1 antibody IHC of human spleen.

CDNF / ARMETL1 Antibody (C-Terminus) - Background

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CDNF / ARMETL1 Antibody (C-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lindholm P.,et al.Nature 448:73-77(2007).
Apostolou A.,et al.Exp. Cell Res. 314:2454-2467(2008).
Parkash V.,et al.Protein Eng. Des. Sel. 22:233-241(2009).