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

Specification

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

Application	**IF, IHC**
Primary Accession	Q49AH0
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**21kDa KDa**

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

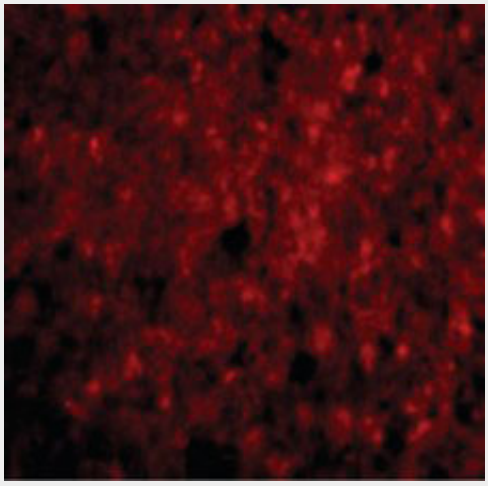
nerve and corpus callosum.

CDNF / ARMETL1 Antibody (C-Terminus) - Protocols

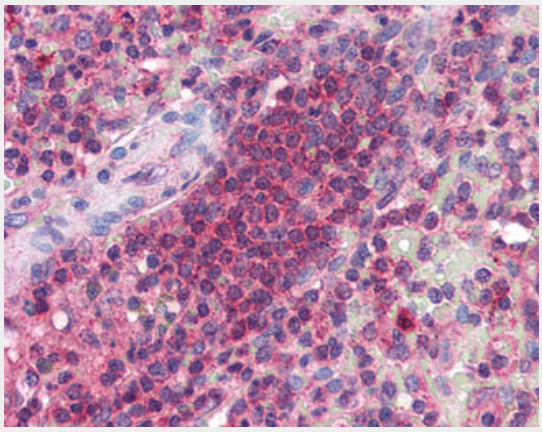
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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

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).

CDNF / ARMETL1 Antibody (C-Terminus) - References

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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).
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