SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-ARMETL1 antibody

Catalog Number: SL11499R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	ARMETL1
Immunogen:	KLH conjugated synthetic peptide derived from human ARMETL1: 101-187/187
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit)
Predicted MW.:	18kDa
Subcellular Location:	Secretory protein
Background:	CDNF is an ARMET family member that is known to be a trophic factor for dopamine neurons. CDNF has been shown to prevent the 6-hydroxydopamine (6-OHDA)-induced degeneration of dopaminergic neurons. CDNF application will restore the dopaminergic function that is reduced by lesions formed from administering 6-OHDA. CDNF further prevents the degeneration of dopaminergic neurons in substantia nigra. CDNF is expressed at high levels in the heart, skeletal muscle, testis and brain. In brain, CDNF has selective expression with the highest being detected in the Purkinje cells of the cerebellum and in regions of the brain stem, including the locus coeruleus. **Function:** Trophic factor for dopamine neurons. Prevents the 6-

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	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. **Subcellular Location:** Secreted. **Tissue Specificity:** Widely expressed in neuronal and non-neuronal tissues. In the brain, highest levels in the optic nerve and corpus callosum. **Similarity:** Belongs to the ARMET family. **Database links:** **Entrez Gene:** 441549 Human Omim: 611233 Human **SwissProt:** Q49AH0 Human **Unigene:** 559067 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.