

bs-11499R**[Primary Antibody]****ARMETL1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 18 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 441549	SWISS: Q49AH0	
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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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.		