

NRD1

Polyclonal ANTIBODY

Catalog Number: 15630-1-AP

1 Publications

Basic Information

Catalog Number: 15630-1-AP	GenBank Accession Number: BC008775	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Size: 20 µg/150 µl	GeneID (NCBI): 4898	
Source: Rabbit	Full Name: nardilysin (N-arginine dibasic convertase)	
Isotype: IgG	Calculated MW: 132 kDa	
Purification Method: Antigen affinity purification	Observed MW: 135-140 kDa	
Immunogen Catalog Number: AG7923		

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : K-562 cells; IHC : human testis tissue;
Cited Applications: IF	
Species Specificity: human,mouse,rat	
Cited Species: mouse	
Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

NRD1(Nardilysin) is also named as NRD-C(N-arginine dibasic convertase). It is a zinc metalloendopeptidase of the M16 ptillysin family that cleaves peptides at dibasic residues. The enzyme has also been found in neural tissues of mouse embryos indicating a role in neural development. Although nardilysin is primarily found in the cytosol, it has been reported that nardilysin is located on the cell surface acting as a receptor for heparinbinding EGF-like growth factor(PMID:15809022). It has 2 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Ilian A Radichev	24848066	Diabetes	IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

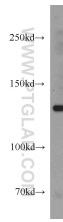
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

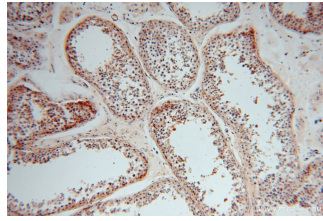
E: proteintech@ptglab.com
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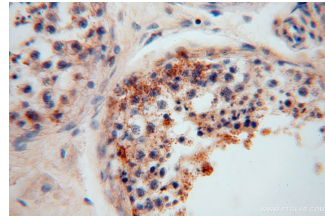
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 15630-1-AP(NRD1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours



Immunohistochemical of paraffin-embedded human testis using 15630-1-AP(NRD1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human testis using 15630-1-AP(NRD1 antibody) at dilution of 1:50 (under 40x lens)