

**DATASHEET**

**Nardilysin Rabbit Polyclonal Antibody**

CAT. NO. APA14866

**KEY FEATURES**

Target	Nardilysin	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Cleaves peptide substrates on the N-terminus of arginine residues in dibasic pairs. Is a critical activator of BACE1- and ADAM17-mediated pro-neuregulin ectodomain shedding, involved in the positive regulation of axonal maturation and myelination. Required for proper functioning of 2-oxoglutarate dehydrogenase (OGDH) .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

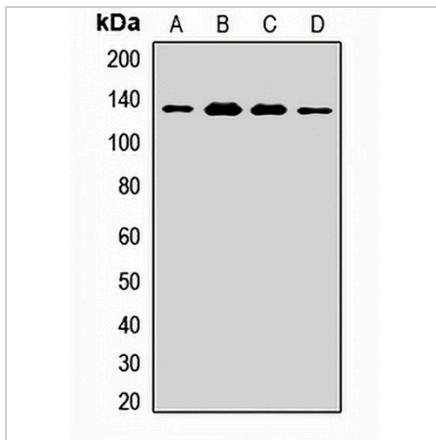
Description	Rabbit polyclonal antibody to Nardilysin
Specificity	Recognizes endogenous levels of Nardilysin protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Nardilysin
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 131; Observed: 131 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Nardilysin; N-arginine dibasic convertase; NRD convertase; NRD-C
Gene Symbol	NRD1
Entrez Gene	4898(Human); 230598(Mouse); 25499(Rat)
SwissProt	O43847(Human); Q8BHG1(Mouse); P47245(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of Nardilysin expression in K562 (A), NIH3T3 (B), mouse testis (C), rat testis (D) whole cell lysates. (Predicted band size: 131; 139 kD; Observed band size: 131 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.