NRD1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NRD1, Polyclonal Antibody
Full Product Name	NRD1
Product Gene Name	anti-NRD1 antibody
Product Synonym Names	NRDC; NRD1; hNRD1; hNRD2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity purification
Preparation and Storage	Aliquot and store at-20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	132kDa
OMIM	602651
3D Structure	ModBase 3D Structure for O43847
Immunogen	Recombinant protein of human NRD1
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NRD1 antibody	Western Blot (WB)
Application Notes for anti-NRD1 antibody	WB: 1:200-1:2000
Related Product Information for anti-NRD1 antibody	This gene encodes a zinc-dependent endopeptidase that cleaves peptide substrates at the N-terminus of arginine residues in dibasic moieties and is a member of the peptidase M16 family. This protein interacts with heparin-binding EGF-like growth factor and plays a role in cell migration and proliferation. Multiple transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-NRD1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NRD1 purchase	MBS8536854 is an antibody targeting NRD1. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NRD1. It may not necessarily be applicable to this product.

NCBI GI #	156071452
NCBI GeneID	4898
NCBI Accession #	NP_001095132.1
UniProt Primary Accession #	O43847

UniProt Secondary Accession #	O15241; O15242; Q5VUL0; Q96HB2; Q9NU57; A6NI41
UniProt Related Accession #	O43847
GenBank Nucleotide #	NM_001101662.1
NCBI Official Full Name	nardilysin isoform b
NCBI Official Synonym Full Names	nardilysin convertase
NCBI Official Symbol	NRDC
NCBI Official Synonym Symbols	NRD1; hNRD1; hNRD2
UniProt Protein Name	Nardilysin
UniProt Synonym Protein Names	N-arginine dibasic convertase; NRD convertase; NRD-C; Nardilysin convertase
Protein Family	Negative regulator of differentiation
UniProt Gene Name	NRDC
UniProt Synonym Gene Names	NRD convertase; NRD-C
NCBI Protein Information	nardilysin
UniProt Comments for NRD1	Cleaves peptide substrates on the N-terminus of arginine residues in dibasic pairs.
Research Articles on NRD1	**1.** NRDC expression was reduced in infarcted regions in autopsy samples from acute myocardial ischemia patients.
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