

## ARG44126 anti-NRDC antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal recognizes NRDC
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NRDC
Species	Human
Immunogen	Human NRD1/NRDC recombinant protein (Position: K427-R967).
Conjugation	Un-conjugated
Alternate Names	NRDC; Nardilysin Convertase; HNRD1; HNRD2; NRD1; Nardilysin (N-Arginine Dibasic Convertase); N-Arginine Dibasic Convertase; NRDC Convertase; EC 3.4.24.61; Nardilysin; EC 3.4.24; NRDC-C

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	WB	0.25-0.5 µg/ml

**Application Note** The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

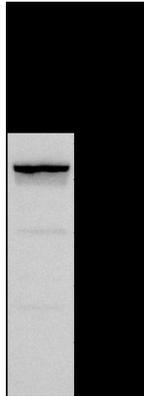
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

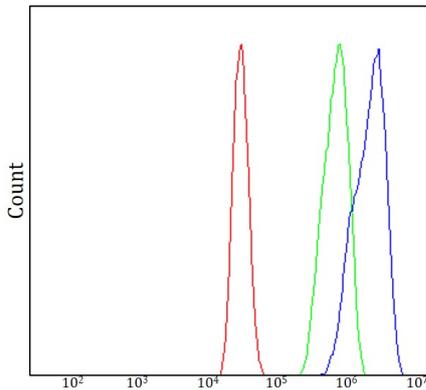
Gene Symbol	NRDC
Gene Full Name	Nardilysin Convertase
Background	This gene encodes a zinc-dependent endopeptidase that cleaves peptide substrates at the N-terminus of arginine residues in dibasic moieties and is a member of the peptidase M16 family. This protein interacts with heparin-binding EGF-like growth factor and plays a role in cell migration and proliferation. Multiple transcript variants encoding different isoforms have been found for this gene.
Function	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).
Calculated Mw	132 kDa
PTM	Phosphoprotein
Cellular Localization	Cell projection, Mitochondrion

## Images



ARG44126 anti-NRDC antibody WB image

Western blot: K562 stained with ARG44126 anti-NRDC antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.



ARG44126 anti-NRDC antibody FACS image

Flow Cytometry: MCF-7 stained with ARG44126 anti-NRDC antibody at  $1 \mu\text{g}/10^6$  cells dilution.