

Datasheet for ABIN7599006  
**anti-NRAP antibody (AA 1-1513)**



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## Overview

Quantity:	100 µg
Target:	NRAP
Binding Specificity:	AA 1-1513
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NRAP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	Anti-NRAP Antibody Picoband®
Immunogen:	E.coli-derived human NRAP recombinant protein (Position: M1-K1513). Human NRAP shares 86.8% amino acid (aa) sequence identity with mouse NRAP.
Characteristics:	Anti-NRAP Antibody Picoband® (ABIN7599006). Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	NRAP
Alternative Name:	NRAP ( <a href="#">NRAP Products</a> )
Background:	NRAP may be involved in anchoring the terminal actin filaments in the myofibril to the membrane and in transmitting tension from the myofibrils to the extracellular matrix.
Molecular Weight:	250 kDa
Gene ID:	4892

## Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Luo, G., Leroy, E., Kozak, C. A., Polymeropoulos, M. H., Horowitz, R. Mapping of the gene (NRAP) encoding N-RAP in the mouse and human genomes. Genomics 45: 229-232, 1997. 2. Luo, G., Zhang, J. Q., Nguyen, T.-P., Herrera, A. H., Paterson, B., Horowitz, R. Complete cDNA sequence and tissue localization of N-RAP, a novel nebulin-related protein of striated muscle. Cell Motil. Cytoskeleton 38: 75-90, 1997. 3. Truszkowska, G. T., Bilinska, Z. T., Muchowicz, A., Pollak, A., Biernacka, A., Kozar-Kaminska, K., Stawinski, P., Gasperowicz, P., Kosinska, J., Zielinski, T., Ploski, R. Homozygous truncating mutation in NRAP gene identified by whole exome sequencing in a patient with dilated cardiomyopathy. Sci. Rep. 7: 3362, 2017. Note: Electronic Article.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.