

Datasheet for ABIN7425992
anti-Neuropilin 1 antibody (AA 646-814)



[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	Neuropilin 1 (NRP1)
Binding Specificity:	AA 646-814
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Neuropilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Neuropilin 1 (NRP1)
Immunogen:	Recombinant Neuropilin 1 (NRP1) corresponding to Tyr646~Asp814 with N-terminal His Tag
Clone:	C1
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NRP1. It has been selected for its ability to recognize NRP1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

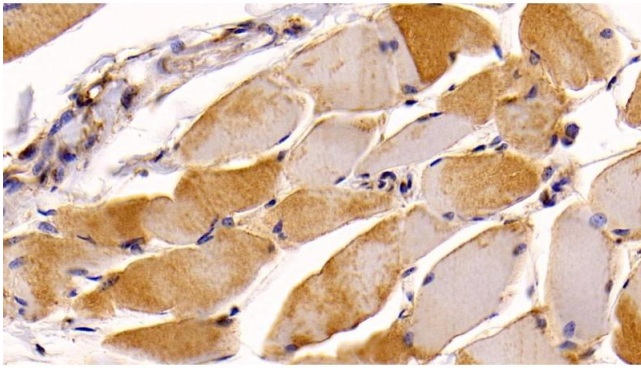
Target:	Neuropilin 1 (NRP1)
Alternative Name:	Neuropilin 1 (NRP1 Products)
Background:	CD304, BDCA4, VEGF165R, Vascular endothelial cell growth factor 165 receptor
Pathways:	Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

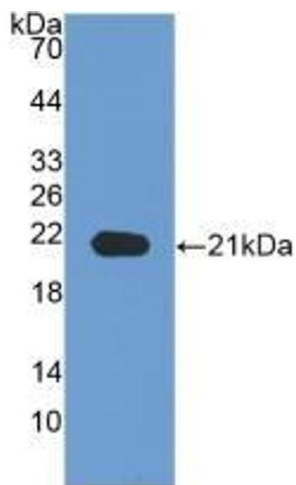
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



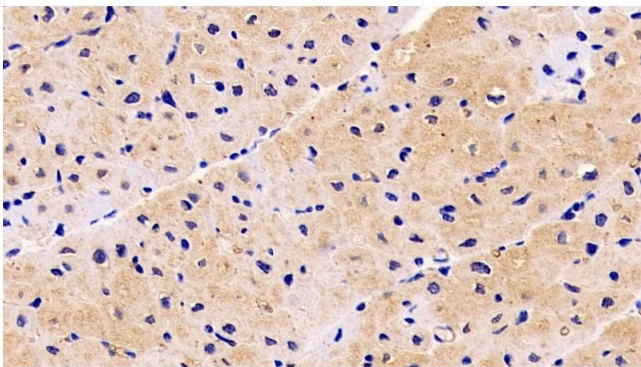
Immunohistochemistry

Image 1. Detection of NRP1 in Human Skeletal muscle Tissue using Monoclonal Antibody to Neuropilin 1 (NRP1)



Western Blotting

Image 2. Detection of Recombinant NRP1, Human using Monoclonal Antibody to Neuropilin 1 (NRP1)



Immunohistochemistry

Image 3. Detection of NRP1 in Human Cardiac Muscle Tissue using Monoclonal Antibody to Neuropilin 1 (NRP1)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7425992.