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Datasheet for ABIN1394082

**anti-NGRN antibody (AA 96-200) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	NGRN
Binding Specificity:	AA 96-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NGRN antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Neugrin
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	NGRN
Alternative Name:	Neugrin ( <a href="#">NGRN Products</a> )
Background:	Synonyms: DSC92, FI58Gm, Mesenchymal stem cell protein DSC92, Neugrin, Neugrin neurite

## Target Details

outgrowth associated, Neurite outgrowth associated protein, Neurite outgrowth-associated protein, Ngrn, NGRN\_HUMAN, Spinal cord-derived protein FI58G.

Background: Neugrin, also known as NGRN, mesenchymal stem cell protein DSC92, neurite outgrowth-associated protein or spinal cord-derived protein FI58G, is a 291 amino acid protein that plays a role in neuronal differentiation and belongs to the neugrin family. As both a secreted and nuclear protein, neugrin exists as two alternatively spliced isoforms and is highly expressed in skeletal muscle, brain and heart. Neugrin is upregulated in neuroblastostoma cells by retinoic acid treatment and is encoded by a gene that maps to human chromosome 15q26.1. Chromosome 15 houses over 700 genes and comprises nearly 3 % of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes.

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months