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Datasheet for ABIN1385215 **anti-NGRN antibody (AA 96-200)**

Overview

Quantity:	100 µL
Target:	NGRN
Binding Specificity:	AA 96-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NGRN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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 (NGRN Products)

Target Details

Background:	<p>Synonyms: DSC92, FI58Gm, Mesenchymal stem cell protein DSC92, Neugrin, Neugrin neurite outgrowth associated, Neurite outgrowth associated protein, Neurite outgrowth-associated protein, Ngrn, NGRN_HUMAN, Spinal cord-derived protein FI58G.</p> <p>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.</p>
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Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months