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Rabbit Anti-Neugrin antibody

SL11916R

Product Name	Neugrin
Chinese Name	突触生长相关蛋白抗体
Alias	DSC92; FI58Gm; Mesenchymal stem cell protein DSC92; Neugrin; Neugrin neurite outgrowth a Neurite outgrowth associated protein; Neurite outgrowth-associated protein; Ngrn; NGRN_HUM cord-derived protein FI58G.
Research Area	Cell biology Neurobiology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Sheep,)
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	31kDa
Cellular localization	The nucleus Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Neugrin: 96-200/291
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or d applications.
PubMed	PubMed

Product Detail

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

Function:
May be involved in neuronal differentiation.

Subcellular Location:
Nucleus. Secreted.

Tissue Specificity:
Expressed at high levels in heart, brain and skeletal muscle. In brain, mainly expressed in neuron glial cells.

Similarity:
Belongs to the neugrin family.

SWISS:
Q9NPE2

Gene ID:
51335

Database links:

Entrez Gene: 51335 Human

SwissProt: Q9NPE2 Human

Unigene: 135471 Human