Myotrophin GCDP Antibody HRP Conjugated

Catalog No: #C01569H

Package Size: #C01569H 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
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Description

Product Name	Myotrophin GCDP Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human Myotrophin GCDP
Conjugates	HRP
Target Name	Myotrophin GCDP
Other Names	FLJ31098; FLJ99857; GCDP; Granule cell dferentiation protein; MTPN; MTPN_HUMAN; Myotrophin; Protein V 1; Protein V-1; V 1; MTPN_HUMAN.
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

Myotrophin (V-1 protein) is a ubiquitously expressed cytoplasmic protein that can translocate to the nucleus during sustained NFkB activation. The gene encoding for this protein localizes to chromosome 7q33. Myotrophin may be involved in cerebellar morphogenesis and contains an acetylated N-terminus and 2.5 internal 33 amino acid ankyrin repeats. It is important in the differentiation of cerebellar neurons, particularly of granule cells. The 117 amino acid protein has been associated with, and able to induce, cardiac hypertrophy. Myotrophin increases protooncogene, ANF and Beta-Myosin heavy chain transcript levels. Myotrophin is upregulated when myocytes undergo cyclic stretch or are treated with tumor necrosis factor Alpha (TNF Alpha) or interleukin-1Beta. Highest levels of Myotrophin are detected in brain and lowest levels in skeletal muscle.