

**bs-11891R****[ Primary Antibody ]****Myotrophin Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>Target:</b> Myotrophin		<b>IHC-F</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Myotrophin/GCDP: 41-118/118.		<b>IF</b> (1:100-500)
<b>Purification:</b> affinity purified by Protein A		<b>ICC/IF</b> (1:100-500)
<b>Concentration:</b> 1mg/ml		<b>ELISA</b> (1:5000-10000)
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Chicken, Dog)
<b>Background:</b> The transcript produced from this gene is bi-cistronic and can encode both myotrophin and leucine zipper protein 6. The myotrophin protein is associated with cardiac hypertrophy, where it is involved in the conversion of NFkappa B p50-p65 heterodimers to p50-p50 and p65-p65 homodimers. This protein also has a potential function in cerebellar morphogenesis, and it may be involved in the differentiation of cerebellar neurons, particularly of granule cells. A cryptic ORF at the 3' end of this transcript uses a novel internal ribosome entry site and a non-AUG translation initiation codon to produce leucine zipper protein 6, a 6.4 kDa tumor antigen that is associated with myeloproliferative disease. [provided by RefSeq, Jul 2008]		<b>Predicted MW.:</b> 13 kDa
		<b>Subcellular Location:</b> Cytoplasm ,Nucleus

**— SELECTED CITATIONS —**

- **[IF=2.379]** Jieting Liu. et al. Identification of robust diagnostic and prognostic gene signatures in different grades of gliomas: a retrospective study. Peerj. 2021 May;9:e11350 WB ;Human. 34026352