

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



MSY2 (G311) Peptide

Cat No.: BS2169P

Background

Contrin (MSY2 in mouse) and YB-2 (MSY3/4 in mouse) belong to the Y-box family of multifunctional proteins that regulate both transcription and translation. Y-box proteins interact with a wide variety of nucleic acid structures to act as transcription factors and mRNA masking proteins. The modular structure of Y-box proteins includes a highly conserved N-terminal cold-shock domain (CSD, equivalent to the bacterial cold-shock proteins) and four basic C-terminal domains containing arginine clusters and aromatic residues. MSY2 (Contrin) is expressed in testis and ovary, where it may repress translation of parental mRNA. The gene encoding human Contrin maps to chromosome 17p11.2-13.1. MSY3/4 (YB-2) is also known as DNA binding protein A and is highly expressed in testis, heart and muscle. Contrin and YB-2 bind to the consensus sequence 5'-UCCAUCA-3' contained in the Y-box element.

Swiss-Prot

Q9Y2T7

Applications

Blocking

Specificity

This peptide can be used with studies using BS2169 MSY2 (G311) pAb.

Purification & Purity

Synthetic peptide MSY2 (G311). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.