

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



FIR (P364) Peptide

Cat No.: BS1895P

Background

Activation of FUSE, the far-upstream element, is required for the proper expression of the mammalian gene *c-myc*. The binding of FBP (FUSE-binding protein) to FUSE is necessary for *c-myc* expression. The FBP interacting repressor, FIR, binds to the central DNA-binding domain of FBP and can serve as an overriding negative regulator of *c-myc* promoter activity. FIR interacts with the TFIID complex, which is a multifunctional, multisubunit RNA polymerase II transcription factor that interacts with several DNA-binding transactivators. FIR blocks activator-dependent, but not basal transcription through TFIID. FIR shares identity with seven in absentia (sia) binding protein 1. FIR is expressed in spleen, thymus, prostate, small intestine, colon, and peripheral blood leukocytes, and with relatively higher levels of expression in testis and ovary.

Swiss-Prot

O94887

Applications

Blocking

Specificity

This peptide can be used with studies using BS1895 FIR (P364) pAb.

Purification & Purity

Synthetic peptide FIR (P364). (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.