

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



p-eIF4B(Ser422) Peptide

Cat No.: AP0084P

Background

Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F. It is phosphorylated at Ser-422 by RPS6KA1 and RPS6KB1. Phosphorylation enhances the affinity of EIF4B for the EIF3 complex.

Swiss-Prot

P23588

Applications

Blocking

Specificity

This peptide can be used with studies using AP0084 p-eIF4B(Ser422) pAb.

Purification & Purity

Synthetic peptide p-eIF4B(Ser422). (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.