



PRODUCT DATA SHEET

Bioworld Technology, Inc.

HSF2BP polyclonal antibody

Catalog: BS35995

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Heat shock factor 2-binding protein: Meiotic recombination factor component of recombination bridges involved in meiotic double-strand break repair. Modulates the localization of recombinases DMC1:RAD51 to meiotic double-strand break (DSB) sites through the interaction with BRCA2 and its recruitment during meiotic recombination (By similarity). Indispensable for the DSB repair, homologous synapsis, and crossover formation that are needed for progression past metaphase I, is essential for spermatogenesis and male fertility (By similarity). Required for proper recombinase recruitment in female meiosis (By similarity). Inhibits BNC1 transcriptional activity during spermatogenesis, probably by sequestering it in the cytoplasm (By similarity). May be involved in modulating HSF2 activation in testis

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~37.6 kDa

Swiss-Prot:

O75031

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of HSF2BP protein

DATA:

Western blot analysis of Amphiphysin 2 expression in rat brain (A), HEK293T (B), MDAMB231 (C) whole cell lysates.

Note:

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

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