



PRODUCT DATA SHEET

Bioworld Technology, Inc.

IFFO1 polyclonal antibody

Catalog: BS35762

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Non-homologous end joining factor IFFO1: Nuclear matrix protein involved in the immobilization of broken DNA ends and the suppression of chromosome translocation during DNA double-strand breaks (DSBs). Interacts with the nuclear lamina component LMNA, resulting in the formation of a nucleoskeleton that relocalizes to the DSB sites in a XRCC4-dependent manner and promotes the immobilization of the broken ends, thereby preventing chromosome translocation. Acts as a scaffold that allows the DNA repair protein XRCC4 and LMNA to assemble into a complex at the DSB sites.

Product:

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

Molecular Weight:

~62.0 kDa

Swiss-Prot:

Q0D2I5

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 IFFO1 protein

DATA:

Western blot analysis of SNF2H expression in Jurkat (A), HeLa (B), mouse muscle (C), rat muscle (D) whole cell lysates.

Note:

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

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