



PRODUCT DATA SHEET

Bioworld Technology, Inc.

C9orf142 polyclonal antibody

Catalog: BS35006

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Protein PAXX: Non-essential DNA repair protein involved in DNA non-homologous end joining (NHEJ); participates in double-strand break (DSB) repair and V(D)J recombination . May act as a scaffold required for accumulation of the Ku heterodimer, composed of XRCC5/Ku80 and XRCC6/Ku70, at double-strand break sites and promote the assembly and/or stability of the NHEJ machinery . Involved in NHEJ by promoting the ligation of blunt-ended DNA ends . Together with NHEJ1/XLF, collaborates with DNA polymerase lambda (POL) to promote joining of non-cohesive DNA ends . Constitutes a non-essential component of classical NHEJ: has a complementary but distinct function with NHEJ1/XLF in DNA repair . Able to restrict infection by herpesvirus 1 (HSV-1) via an unknown mechanism

Product:

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

Molecular Weight:

~21.6 kDa

Swiss-Prot:

Q9BUH6

Purification&Purity:

The antibody was purified by immunogen affinity chro-

matography.

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 C9orf142 protein

DATA:

Western blot analysis of ALDOC expression in HL60 (A), 293T (B), mouse brain (C), rat brain (D), mouse spleen (E) whole cell lysates. Flow cytometric analysis of HL60 cells using Anti-ALDOC Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.

Note:

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

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