



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### C12orf40 polyclonal antibody

Catalog: BS35746

Host: Rabbit

Reactivity: Human, Mouse

#### BackGround:

Regulator of DNA class I crossover intermediates 1: Involved in recombination, probably acting by stabilizing recombination intermediates during meiotic crossover formation. Required for normal germline development and fertility. Required for meiotic progression, complete chromosomal synapsis and crossover formation. Binds double-stranded DNA. However, also binds branched DNA molecules, such as those containing a D-loop or Holliday junction structure. Probably not required for formation of DNA double-strand breaks (DSBs). Also binds RNA in an RNA structure-independent manner, with a preference for binding 3'-UTR regions of mRNAs; may stabilize bound RNAs

#### Product:

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

#### Molecular Weight:

~74.5 kDa

#### Swiss-Prot:

Q86WS4

#### 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 C12orf40 protein

#### DATA:

#### Note:

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

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