



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SPAG4 polyclonal antibody

Catalog: BS34690

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Sperm-associated antigen 4 protein: Involved in spermatogenesis. Required for sperm head formation but not required to establish and maintain general polarity of the sperm head. Required for anchoring and organization of the manchette. Required for targeting of SUN3 and probably SYNE1 through a probable SUN1:SYNE3 LINC complex to the nuclear envelope and involved in accurate posterior sperm head localization of the complex. May anchor SUN3 the nuclear envelope. Involved in maintenance of the nuclear envelope integrity. May assist the organization and assembly of outer dense fibers (ODFs), a specific structure of the sperm tail

Product:

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

Molecular Weight:

~48.2 kDa

Swiss-Prot:

Q9NPE6

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 SPAG4 protein

DATA:

Western blot analysis of CETP expression in human plasma (A) whole cell lysates.

Note:

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

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