



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TEX40 polyclonal antibody

Catalog: BS31843

Host: Rabbit

Reactivity: Human

BackGround:

Cation channel sperm-associated auxiliary subunit zeta: Auxiliary component of the CatSper complex, a complex involved in sperm cell hyperactivation. Sperm cell hyperactivation is needed for sperm motility which is essential late in the preparation of sperm for fertilization. Required for a distribution of the CatSper complex in linear quadrilateral nanodomains along the flagellum, maximizing fertilization inside the mammalian female reproductive tract. Together with EFCAB9, associates with the CatSper channel pore and is required for the two-row structure of each single CatSper channel

Product:

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

Molecular Weight:

~22.8 kDa

Swiss-Prot:

Q9NTU4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

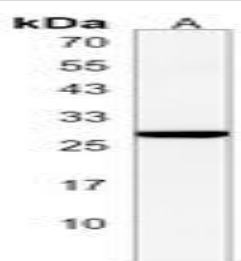
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of TEX40 protein.

DATA:



Western blot analysis of Creatine Kinase B expression in MDAMB453 (A), 293 (B), Y79 (C), mouse stomach (D), mouse brain (E) whole cell lysates.

Note:

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

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