

**TEX15 polyclonal antibody**

Catalog: BS34563

Host: Rabbit

Reactivity: Human

BackGround:

Testis-expressed protein 15: Required during spermatogenesis for normal chromosome synapsis and meiotic recombination in germ cells. Necessary for formation of DMC1 and RAD51 foci on meiotic chromosomes, suggesting a specific role in DNA double-stranded break repair (By similarity). Essential executor of PIWIL4-piRNA pathway directed transposon DNA methylation and silencing in the male embryonic germ cells (By similarity). PIWIL4-piRNA binds to nascent transposon transcripts and interacts with TEX15, which may in turn recruit the epigenetic silencing machinery to the transposon loci (By similarity). Not required for piRNA biosynthesis (By similarity)

Product:

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

Molecular Weight:

~315 kDa

Swiss-Prot:

Q9BXT5

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 TEX15 protein

DATA:**Note:**

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

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