

**TMPRSS12 polyclonal antibody**

Catalog: BS36068

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Transmembrane protease serine 12: Required for male fertility (By similarity). Plays a critical role in sperm capacitation and acrosome reactions during fertilization, and also plays a role in the regulation of proteins involved in spermatogenesis (By similarity). Regulates protein pathways that promote chromosomal synapsis formation, double-strand break repair, formation of the inner mitochondrial membrane cristae and apoptosis in developing sperm (By similarity). Required for normal sperm motility and binding to the zona pellucida, potentially via a role in ADAM3 protein maturation (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:

~38.6 kDa

Swiss-Prot:

Q86WS5

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 TMPRSS12 protein

DATA:**Note:**

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

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