

**CATSPER2 polyclonal antibody**

Catalog: BS34074

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cation channel sperm-associated protein 2: Pore-forming subunit of the CatSper complex, a sperm-specific voltage-gated calcium channel, that plays a central role in calcium-dependent physiological responses essential for successful fertilization, such as sperm hyperactivation, acrosome reaction and chemotaxis towards the oocyte

Product:

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

Molecular Weight:

~62.0 kDa

Swiss-Prot:

Q96P56

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 CATSPER2 protein

DATA:

Western blot analysis of CD49e LC expression in HeLa LPS-treated (A), NIH3T3 LPS-treated (B), rat kidney (C) whole cell lysates.

Note:

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

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