bs-10473R

- DATASHEET -

[Primary Antibody]

CATSPER2 Rabbit pAb



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DATASHELT		
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat
GenelD: 117155	SWISS: Q8NHT9	S: Q8NHT9 (predicted: Pig, Sheep,
Target: CATSPER2		Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human CATSPER2: 1-100/530.		2: Predicted MW.: ^{58 kDa}
Purification: affinity purified by Protein A		Subcollular
Concentration: 1mg/ml		Location: Extracellular matrix
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Calcium ions play a motility. This gene b that are specific to s protein family featur spanning segments This gene is part of a second copy of this splice variants have not been determine	primary role in the regulation of sperm elongs to a family of putative cation channel permatozoa and localize to the flagellum. Th res a single repeat with six membrane- and a predicted calcium-selective pore regio tandem repeat on chromosome 15q15; the gene is thought to be a pseudogene. Additior been described but their full-length nature h d. [provided by RefSeq, Aug 2008].	s e n. al as

- VALIDATION IMAGES -





Sample: Testis(Rat) Lysate at 40 ug Primary: Anti- CATSPER2 (bs-10473R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD Sample: testis (Mouse) Lysate at 40 ug Primary: Anti-CATSPER2(bs-10196R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD

- SELECTED CITATIONS -

- [IF=8.071] Wen-bo Yuan. et al. TET1 mediated male reproductive toxicity induced by Bisphenol A through Catsper-Ca2+ signaling pathway. Environ Pollut. 2022 Mar;296:118739 WB ;MOUSE. 34953956
- [IF=2.1] Fang Jia. et al. Proteomics and Metabolomics Study on the Responses of Sertoli Cells Infected With Brucella and Its bvfA-Deletion Strains. PROTEOM CLIN APPL. 2024 Nov;:e202300231 WB ;MOUSE. 39512196