

For Research Use Only

CATSPER2 Polyclonal antibody, PBS Only

Catalog Number: 26890-1-PBS



Basic Information

Catalog Number: 26890-1-PBS	GenBank Accession Number: BC064387	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 117155	
Source: Rabbit	UNIPROT ID: Q96P56	
Isotype: IgG	Full Name: cation channel, sperm associated 2	
Immunogen Catalog Number: AG25283	Calculated MW: 62 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Cation channel sperm-associated protein 2 (CATSPER2) is a 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 (PMID: 21412338; 21412339).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

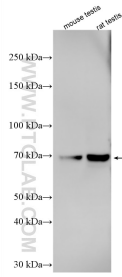
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26890-1-AP (CATSPER2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26890-1-PBS in a different storage buffer formulation.