

For Research Use Only

CATSPER2 Polyclonal antibody

Catalog Number: 26890-1-AP



Basic Information

Catalog Number: 26890-1-AP	GenBank Accession Number: BC064387	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 580 ug/ml by Nanodrop;	GeneID (NCBI): 117155	Recommended Dilutions: WB: 1:500-1:2000
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, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

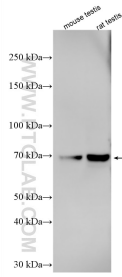
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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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.