

For Research Use Only

CATSPER2 Polyclonal antibody, PBS Only

Catalog Number: 26890-1-PBS



Basic Information

Catalog Number:

26890-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25283

GenBank Accession Number:

BC064387

GeneID (NCBI):

117155

UNIPROT ID:

Q96P56

Full Name:

cation channel, sperm associated 2

Calculated MW:

62 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

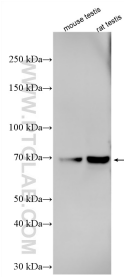
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.