

For Research Use Only

SPA17 Polyclonal antibody, PBS Only

Catalog Number:13367-1-PBS



Basic Information

Catalog Number: 13367-1-PBS	GenBank Accession Number: BC032457	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 53340	
Isotype: IgG	UNIPROT ID: Q15506	
Immunogen Catalog Number: AG4186	Full Name: sperm autoantigenic protein 17	
	Calculated MW: 151 aa, 17 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications:
WB, IHC, IP, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Sperm surface protein Sp17(SPA17) is a 151 amino acids protein (17kDa), which is a sperm surface peripheral membrane protein. It is a highly conserved mammalian protein expressed in developing spermatozoa and mature spermatids, and reported to play a role in the interaction of sperm with the zona pellucida. SP17 exists as a homodimer and localizes to the head and tail of spermatozoa. SP17 has been identified as a cancer/testis antigen and is expressed in ovarian cancer and multiple myeloma. This suggests that SP17 could be suitable as a target in tumor immunotherapy.

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:

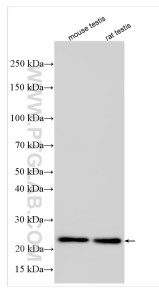
T: 4006900926

E: Proteintech-CN@ptglab.com

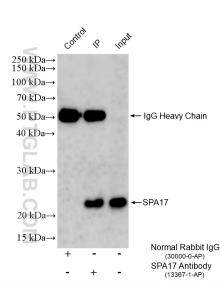
W: ptgcn.com

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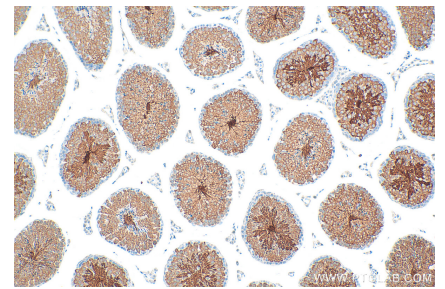
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13367-1-AP (SPA17 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13367-1-PBS in a different storage buffer formulation.



IP result of anti-SPA17 (IP:13367-1-AP, 4 μ g; Detection:13367-1-AP 1:5000) with mouse testis tissue lysate 1520 μ g. This data was developed using the same antibody clone with 13367-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 13367-1-AP (SPA17 antibody) at dilution of 1:4000 (under 10 \times lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13367-1-PBS in a different storage buffer formulation.