

For Research Use Only

SPA17 Polyclonal antibody, PBS Only

Catalog Number:13367-1-PBS



Basic Information

Catalog Number:

13367-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4186

GenBank Accession Number:

BC032457

GeneID (NCBI):

53340

UNIPROT ID:

Q15506

Full Name:

sperm autoantigenic protein 17

Calculated MW:

151 aa, 17 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

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.

Storage Buffer:

PBS only, pH7.3

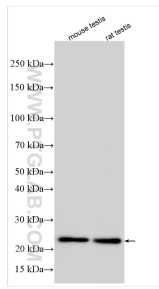
For technical support and original validation data for this product please contact:

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

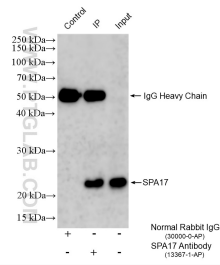
E: proteintech@ptglab.com
W: ptglab.com

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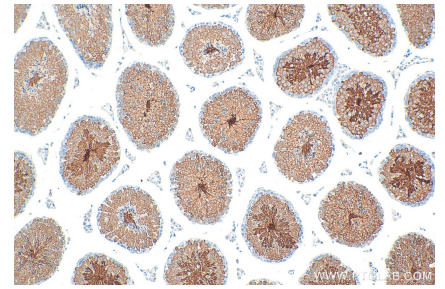
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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, 4ug; Detection:13367-1-AP 1:5000) with mouse testis tissue lysate 1520 ug. 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 10x 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.