

For Research Use Only

SPERT Polyclonal antibody

Catalog Number: 17826-1-AP

Featured Product



Basic Information

Catalog Number: 17826-1-AP	GenBank Accession Number: BC027609	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 220082	Recommended Dilutions: WB 1:500-1:2000 IF 1:50-1:500
Source: Rabbit	Full Name: spermatid associated	
Isotype: IgG	Calculated MW: 448 aa, 47 kDa, 52 kDa	
Immunogen Catalog Number: AG12200	Observed MW: 48-52 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse testis tissue, mouse spermatophore tissue, PC-3 cells
	IF : PC-3 cells,

Background Information

SPERT (spermatid associated protein), also known as CBY2 (chibby homolog 2) or NURIT, is a novel leucine-zipper protein belonging to the chibby family of proteins [PMID:12204287]. Uniquely expressed in the spermatid flower-like structure, SPERT interacts with Nek1, a member of the NIMA-family kinase family that is associated centrosomal stability and ciliogenesis. It contains a leucine-zipper motif and two coiled-coil regions, and is transcribed through the elongation stage of the spermatids. SPERT is absent from mature spermatozoa and is thought to be involved in transporting proteins that are to be discarded via the residual bodies. [PMID:12204287]

Storage

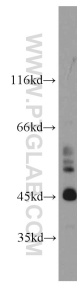
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

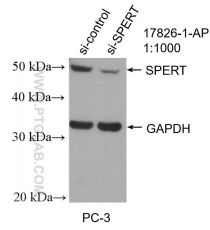
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

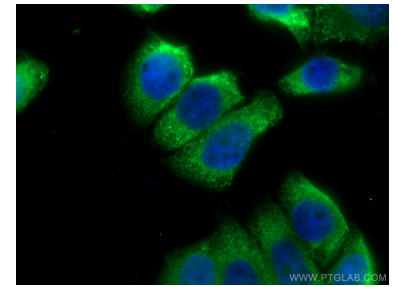
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 17826-1-AP (SPERT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of SPERT antibody (17826-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SPERT transfected PC-3 cells.



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using SPERT antibody (17826-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).