

Nur für Forschungszwecke

# SPERT Polyklonaler Antikörper

Katalog-Nr.:17826-1-AP

Vorgestelltes Produkt



## Allgemeine Informationen

Katalog-Nr.:  
17826-1-AP

Größe:  
150ul, Konzentration: 650 µg/ml von  
Nanodrop und 287 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG12200

GenBank-Zugangsnummer:  
BC027609

GeneID (NCBI):  
220082

Vollständiger Name:  
spermatid associated

Berechnete Masse:  
448 aa, 47 kDa, 52 kDa

Beobachtete Masse:  
48-52 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IF 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Positivkontrollen:

WB : Maushodengewebe, Maus-Spermatophoren-  
Gewebe, PC-3-Zellen

IF : PC-3-Zellen,

## Hintergrundinformationen

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]

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

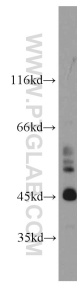
For technical support and original validation data for this product please contact:

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

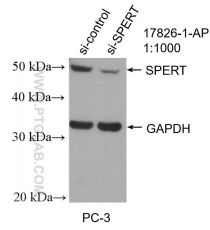
E: proteintech@ptglab.com  
W: ptglab.com

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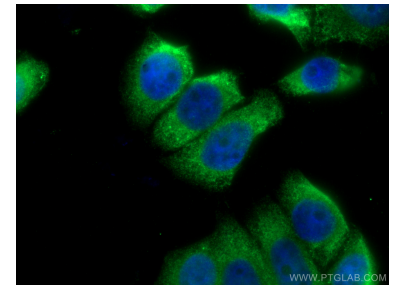
## Ausgewählte Validierungsdaten



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).