

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TNP1



Numéro de catalogue: 17178-1-AP

17 Publications

Informations de base

Numéro de catalogue: 17178-1-AP	Numéro d'acquisition GenBank: BC029516	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 1200 µg/ml by Nanodrop and 533 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7141	Dilutions recommandées: WB 1:500-1:2000 IF 1:50-1:500
Hôte: Lapin	Nom complet: transition protein 1 (during histone to protamine replacement)	
Isotype: IgG	MW calculé: 55 aa, 7 kDa	
Immunogen Catalog Number: AG10890	MW observés: 6-10 kDa	

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : tissu testiculaire de souris,

IF : tissu testiculaire de souris,

Informations générales

Transition nuclear proteins (TNP1 and TNP2) are the major nuclear proteins that replace somatic histones during spermatogenesis. TNPs are required for normal chromatin condensation and functional sperm development, spermatogenesis was found to be compromised in both Tnp1 and Tnp2 null mice. TNP1, or TP1, localized in nucleus, is a spermatid-specific product of the haploid genome which replaces histone and is itself replaced in the mature sperm by the protamines. Recently, TNP-1 was used as a germ cell marker in condensing spermatids.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zijun Peng	34741939	J Hazard Mater	IF, IHC
Yi Yu	33046149	Zygote	IF
Akane Morohoshi	30391586	Dev Biol	IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

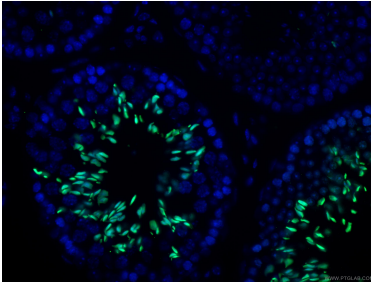
For technical support and original validation data for this product please contact:

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

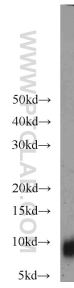
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using 17178-1-AP (TNP1 antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



mouse testis tissue were subjected to SDS PAGE followed by western blot with 17178-1-AP (TNP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.