

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PRND



Numéro de catalogue: 26947-1-AP

1 Publications

Informations de base

Numéro de catalogue: 26947-1-AP	Numéro d'acquisition GenBank: BC043644	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 350 µg/ml by Nanodrop;	Identification du gène (NCBI): 23627	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: prion protein 2 (doublet)	
Isotype: IgG	MW calculé: 176 aa, 20 kDa	
Immunogen Catalog Number: AG25523	MW observés: 17-20, 30 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

porc

Contrôles positifs:

WB : tissu testiculaire de souris traité à la glucosidase, tissu testiculaire de rat, tissu testiculaire de souris

IHC : tissu testiculaire de souris,

IF : tissu testiculaire de souris,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

The prion gene family is mainly composed of three genes; PRNP, encoding the prion protein (PrP), PRND, encoding Doppel (Dpl), both located on the same genomic locus on mouse chromosome 2 and SPRN, encoding Shadoo (Sho), located on mouse chromosome 7. PRND (prion protein 2 also called Doppel) is a membranean N-glycosylated, glycosylphosphatidylinositol-anchored protein that is found predominantly in testis. PRND gene is found on chromosome 20, approximately 20 kbp downstream of the gene encoding cellular prionprotein, to which it is biochemically and structurally similar. 26947-1-AP antibody detects a 30 kDa glycosylated protein and a 17-20 kDa protein treated by glucosidase.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lingkai Zhang	35436608	J Genet Genomics	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.

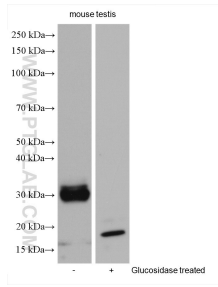
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

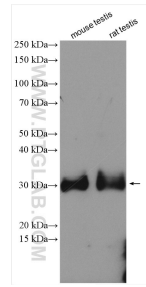
E: proteintech@ptglab.com
W: ptglab.com

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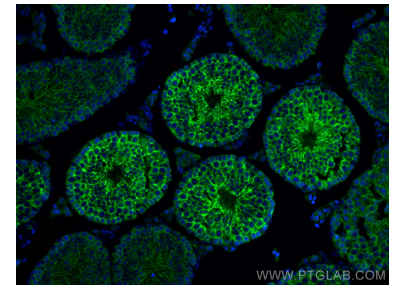
Données de validation sélectionnées



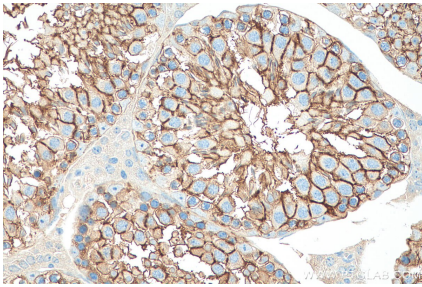
Non-treated mouse testis and glucosidase treated mouse testis tissue were subjected to SDS PAGE followed by western blot with 26947-1-AP (PRND antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 26947-1-AP (PRND antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using PRND antibody (26947-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 26947-1-AP (PRND antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).