

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 26947-1-AP	<b>GenBank-Zugangsnummer:</b> BC043644	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 350 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 23627	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> prion protein 2 (dublet)	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 176 aa, 20 kDa	
<b>Immunogen Katalognummer:</b> AG25523	<b>Beobachtete Masse:</b> 17-20, 30 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

IF

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Hausschwein

### Positivkontrollen:

WB : mit Glukosidase behandeltes Maushodengewebe, Maushodengewebe, Rattenhodengewebe

IHC : Maushodengewebe,

IF : Maushodengewebe,

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

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 membranous 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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Lingkai Zhang	35436608	J Genet Genomics	IF

## 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

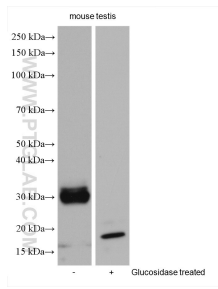
For technical support and original validation data for this product please contact:

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

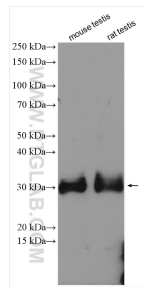
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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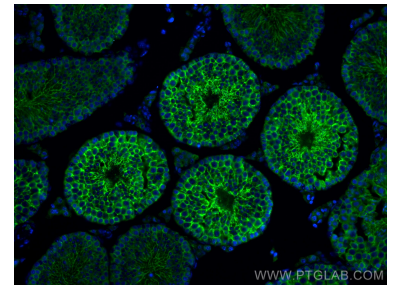
## Ausgewählte Validierungsdaten



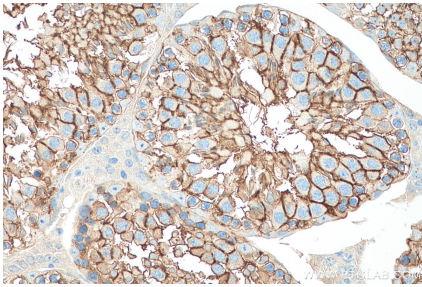
Non-treated mouse testis and glucosidase treated mouse testis tissue were subjected to SDS PAGE followed by western blot with 26947-1-AP (PRND antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).