

Nur für Forschungszwecke

# PROX1 Polyklonaler Antikörper

Katalog-Nr.: 11067-2-AP

Vorgestelltes Produkt

40 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 11067-2-AP	<b>GenBank-Zugangsnummer:</b> BC024201	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 650 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 5629	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:10000 IF 1:20-1:200
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> prospero homeobox 1	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 737 aa, 83 kDa	
<b>Immunogen Katalognummer:</b> AG1543	<b>Beobachtete Masse:</b> 90 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF, WB, ELISA	<b>Positivkontrollen:</b>
<b>In Publikationen genannte Anwendungen:</b> ChIP, FC, IF, IP, WB	<b>WB:</b> HepG2-Zellen, HuH-7-Zellen, humanes Lebergewebe, Mauslebergewebe, MCF-7-Zellen, Rattenlebergewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	<b>IF:</b> HepG2-Zellen,
<b>Zitierte Arten:</b> Hausschwein, Human, Maus, Ratte	

## Hintergrundinformationen

PROX1, Prospero homeobox protein 1, belongs to the Prospero homeobox family and contain a Prospero-type homeobox DNA-binding domain. PROX1 plays a fundamental role in early development of CNS and regulates the expression of gene and development of postmitotic, undifferentiated neurons. Also, PROX1 is a required regulator of the development of the lymphatic system. This antibody is raised against part of C-terminal chain of human PROX1. The calculated molecular weight of PROX1 is 83 kDa, but with post-translational modifications, PROX1 is about 90 kDa.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
LinXi Cheng	34489520	Commun Biol	IF
Yoshiya Asano	28875528	J Tissue Eng Regen Med	
Juliana Falero-Perez	30372497	PLoS One	

## Lagerung

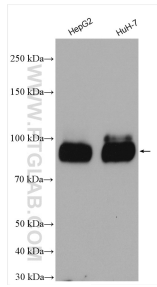
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

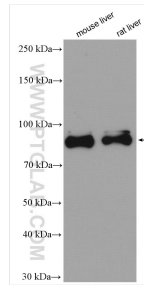
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

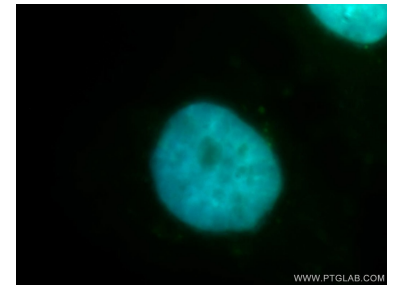
## Ausgewählte Validierungsdaten



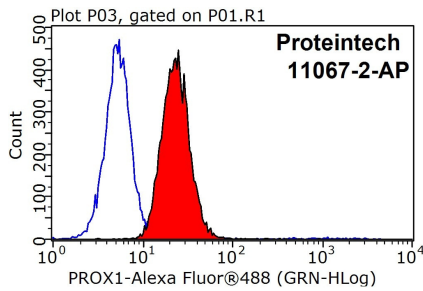
Various lysates were subjected to SDS PAGE followed by western blot with 11067-2-AP (PROX1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 11067-2-AP (PROX1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using PROX1 antibody 11067-2-AP at 1:100 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug PROX1 antibody (11067-2-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.