

Nur für Forschungszwecke

# SPG7 Polyklonaler Antikörper

Katalog-Nr.:27801-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 27801-1-AP	<b>GenBank-Zugangsnummer:</b> BC007692	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 550 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 6687	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> spastic paraplegia 7 (pure and complicated autosomal recessive)	<b>IHC 1:50-1:500</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 88 kDa	
<b>Immunogen Katalognummer:</b> AG26265	<b>Beobachtete Masse:</b> 54 kDa, 70 kDa, 80kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IHC, IP, WB, ELISA	<b>Positivkontrollen:</b> WB : HeLa-Zellen, HepG2-Zellen, LNCaP-Zellen
<b>Getestete Reaktivität:</b> Human, Maus	<b>IP :</b> HeLa-Zellen, <b>IHC :</b> humanes Lebergewebe,
<b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

SPG7 encodes a nuclear-encoded mitochondrial metalloprotease protein that is a member of the AAA protein family. Two transcript variants encoding distinct isoforms have been identified. The molecular weight of SPG7 is about 88-100 kDa (precursor),80 kDa (intermediate) and 70 kDa (mature)(PMID: 24767997), while the molecular weight of isoform 2 is about 54 kDa.

## Lagerung

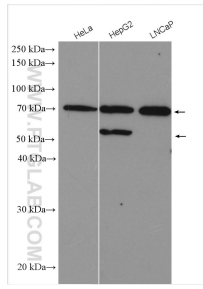
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

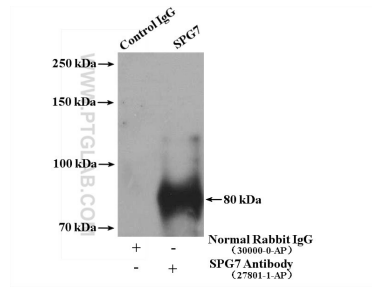
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

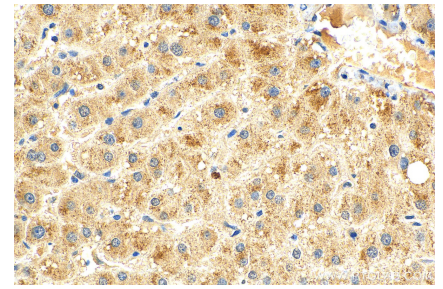
## Ausgewählte Validierungsdaten



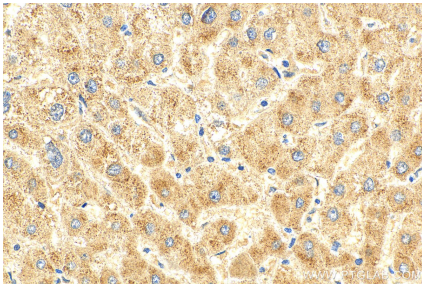
Various lysates were subjected to SDS PAGE followed by western blot with 27801-1-AP (SPG7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-SPG7 (IP:27801-1-AP, 4 $\mu$ g; Detection:27801-1-AP 1:500) with HeLa cells lysate 2800  $\mu$ g.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27801-1-AP (SPG7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27801-1-AP (SPG7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).