

## Allgemeine Informationen

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|---|--|---|
| <b>Katalog-Nr.:</b><br>13473-1-AP                               | <b>GenBank-Zugangsnummer:</b><br>BC030530                                | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung  |
| <b>Größe:</b><br>150ul , Konzentration: 850 µg/ml von Nanodrop; | <b>GeneID (NCBI):</b><br>84447   | <b>Empfohlene Verdünnungen:</b><br>WB 1:1000-1:4000<br>IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB |
| <b>Wirt:</b><br>Kaninchen                                       | <b>Vollständiger Name:</b><br>synovial apoptosis inhibitor 1, synoviolin | <b>IHC 1:50-1:500</b><br><b>IF 1:50-1:500</b>   |
| <b>Isotyp:</b><br>IgG   | <b>Berechnete Masse:</b><br>617 aa, 68 kDa                               |   |
| <b>Immunogen Katalognummer:</b><br>AG4267                       | <b>Beobachtete Masse:</b><br>68-76 kDa                                   |   |

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### In Publikationen genannte Anwendungen:

CoIP, IF, IHC, IP, IP-MS, WB

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Human, Maus, Ratte

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

### Positivkontrollen:

**WB:** HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Maus-Eierstockgewebe, Maus-Magengewebe, Mausnierengewebe, Maus-Pankreasgewebe, MDA-MB-453s-Zellen, NIH/3T3-Zellen, Raji-Zellen, Ratten-Magengewebe

**IP:** Mausnierengewebe,

**IHC:** humanes Nierengewebe,

**IF:** HepG2-Zellen,

## Hintergrundinformationen

HRD1 is also named as SYVN1 (Synovial apoptosis inhibitor 1), KIAA1810. It acts as an E3 ubiquitin-protein ligase which accepts ubiquitin specifically from endoplasmic reticulum-associated UBC7 E2 ligase and transfers it to substrates, promoting their degradation. Two distinct binding sites mediate Hrd1 dimerization or oligomerization, one located within the transmembrane region and another within the cytosolic domain. (PMID:19864457). Western blot analysis detected abundant HRD1 expression in liver and kidney. Mouse liver and spleen expressed Hrd1 as an 85-kD protein (PMID:12646171).

## Bemerkenswerte Veröffentlichungen

| Verfasser              | Pubmed ID | Journal          | Anwendung |
|------------------------|-----------|------------------|-----------|
| Chih-Hang Anthony Tang | 32999453  | Cell Mol Immunol | WB        |
| Yu Sun                 | 34562065  | J Cell Mol Med   | WB        |
| Yu-Jie Chen            | 34645803  | Nat Commun       | WB        |

## 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**

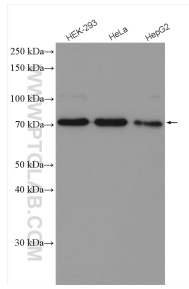
For technical support and original validation data for this product please contact:

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

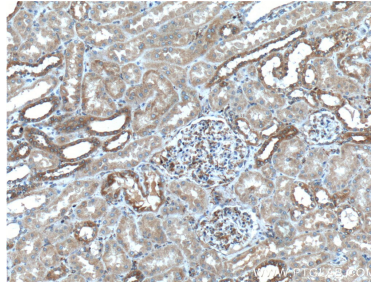
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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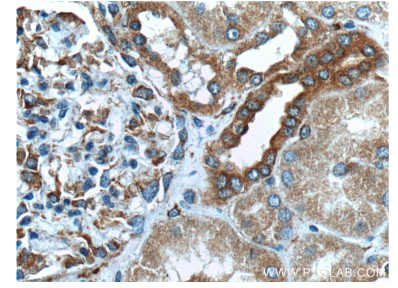
## Ausgewählte Validierungsdaten



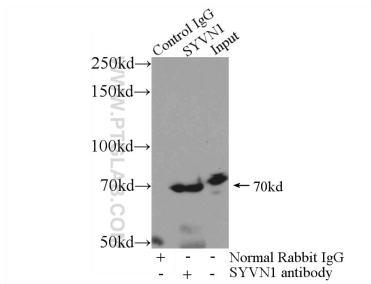
Various lysates were subjected to SDS PAGE followed by western blot with 13473-1-AP (SYVN1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



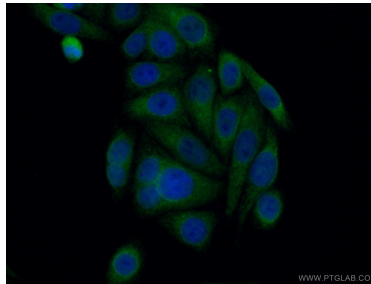
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 13473-1-AP (SYVN1 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 13473-1-AP (SYVN1 antibody at dilution of 1:200 (under 40x lens).



IP Result of anti-SYVN1 (IP:13473-1-AP, 4ug; Detection:13473-1-AP 1:1000) with mouse kidney tissue lysate 7200ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 13473-1-AP (SYVN1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).