

## Allgemeine Informationen

Katalog-Nr.:  
15328-1-AP

Größe:  
150ul , Konzentration: 500 µg/ml von  
Nanodrop und 300 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG6909

GenBank-Zugangsnummer:  
BC058911

GeneID (NCBI):  
6424

Vollständiger Name:  
secreted frizzled-related protein 4

Berechnete Masse:  
40 kDa

Beobachtete Masse:  
41-51 kDa, 55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000  
IP 0.5-4.0 ug für IP und 1:500-1:1000  
für WB  
IHC 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Ratte

Zitierte Arten:

Human, Maus

**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

IP : HeLa-Zellen,

IHC : humanes Mammakarzinomgewebe, humanes  
Hautkrebsgewebe, Rattenhodengewebe

## Hintergrundinformationen

Secreted frizzled-related protein 4 (SFRP4) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRP4 functions as a suppressor of tumor growth via inhibition of the Wnt signaling pathway. Downregulation or deletion of SFRP4 has been reported in several cancers and cell lines such as endometrial cancer, ovarian cancer, lung cancer, and others. This antibody got 41-51 kDa and 55 kDa bands in western blotting maybe due to differential posttranslational protein modification.

## Bemerkenswerte Veröffentlichungen

| Verfasser              | Pubmed ID | Journal   | Anwendung |
|------------------------|-----------|-----------|-----------|
| Elise Sandsmark        | 29079735  | Sci Rep   | IHC       |
| Martin Mørck Mortensen | 26522007  | Sci Rep   | IHC       |
| Rujue Jin              | 35347304  | Gene Ther | WB,IHC    |

## 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**

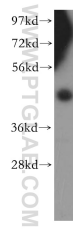
For technical support and original validation data for this product please contact:

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

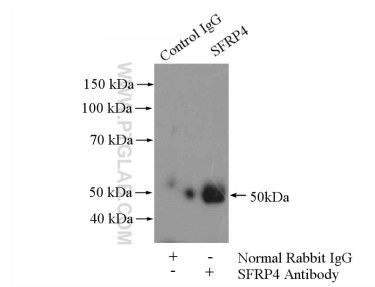
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

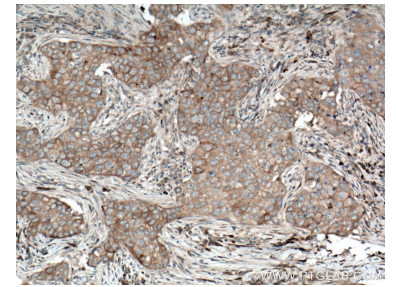
## Ausgewählte Validierungsdaten



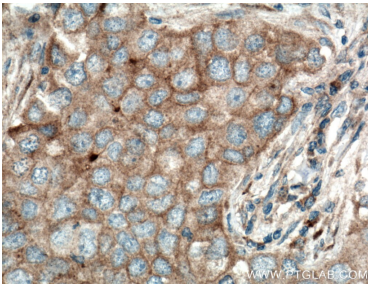
HEK-293 cells were subjected to SDS PAGE followed by western blot with 15328-1-AP (SFRP4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



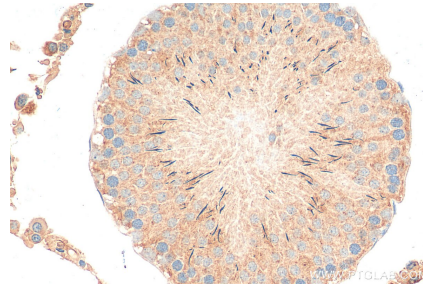
IP Result of anti-SFRP4 (IP:15328-1-AP, 4ug; Detection:15328-1-AP 1:500) with HeLa cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15328-1-AP (SFRP4 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15328-1-AP (SFRP4 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 rat testis tissue slide using 15328-1-AP (SFRP4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).