

## Allgemeine Informationen

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| <b>Katalog-Nr.:</b><br>12604-1-AP                              | <b>GenBank-Zugangsnummer:</b><br>BC032839  | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung   |
| <b>Größe:</b><br>150ul, Konzentration: 400 µg/ml von Nanodrop; | <b>GeneID (NCBI):</b><br>3433              | <b>Empfohlene Verdünnungen:</b><br>WB 1:200-1:1000<br>IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB |
| <b>Wirt:</b><br>Kaninchen                                      | <b>Vollständiger Name:</b><br>IFIT 2       | <b>IHC 1:50-1:500</b><br><b>IF 1:10-1:100</b>  |
| <b>Isotyp:</b><br>IgG  | <b>Berechnete Masse:</b><br>484 aa, 56 kDa |  |
| <b>Immunogen Katalognummer:</b><br>AG3283                      | <b>Beobachtete Masse:</b><br>50-55 kDa     |  |

## Anwendungen

|  |   |
|--|---|
| <b>Geprüfte Anwendungen:</b><br>IF, IHC, IP, WB, ELISA       | <b>Positivkontrollen:</b><br>WB : A431-Zellen, RAW 264.7-Zellen |
| <b>In Publikationen genannte Anwendungen:</b><br>IF, IHC, WB | <b>IP :</b> Maushautgewebe,                                     |
| <b>Getestete Reaktivität:</b><br>Human, Maus                 | <b>IHC :</b> humanes Hautkrebsgewebe, humanes Nierengewebe      |
| <b>Zitierte Arten:</b><br>Human, Maus                        | <b>IF :</b> HepG2-Zellen,                                       |

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

## Hintergrundinformationen

IFIT2 belongs to the IFIT family. It contains 6 TPR repeats. IFIT genes comprise a large family with three (Ifit1, Ifit2, and Ifit3) and four (IFIT1, IFIT2, IFIT3, and IFIT5) members in mice and humans, respectively. IFIT proteins are produced in human body that are supposed to confer immunity against viral infection. These proteins are generally produced during viral infection, IFN treatment, and during pathogen recognition (Pathogen associated molecular pattern recognition) by immune system during infections.

## Bemerkenswerte Veröffentlichungen

| Verfasser      | Pubmed ID | Journal     | Anwendung |
|----------------|-----------|-------------|-----------|
| Zhangtao Jiang | 27681138  | J Virol     | WB        |
| Yuan Wang      | 27609068  | Cancer Lett | WB        |
| GuanQun Liu    | 33140045  | bioRxiv     | 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.

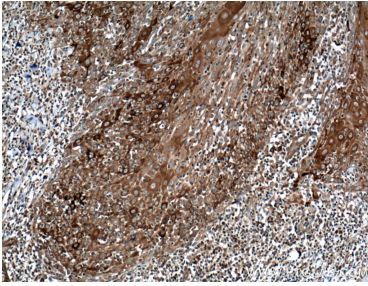
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

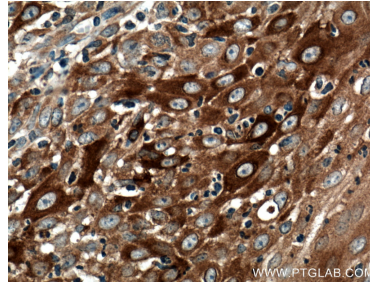
For technical support and original validation data for this product please contact:  
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
 E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
 W: [ptglab.com](http://ptglab.com)

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

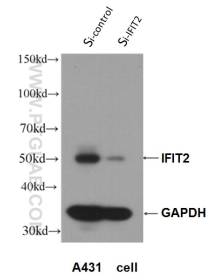
## Ausgewählte Validierungsdaten



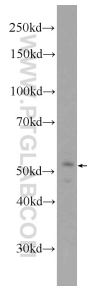
Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 12604-1-AP (IFIT2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



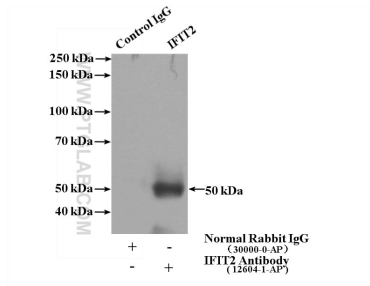
Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 12604-1-AP (IFIT2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



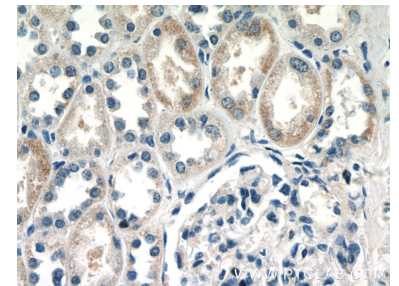
WB result of IFIT2 antibody (12604-1-AP, 1:300) with si-IFIT2 and si-Control transfected A431 cells.



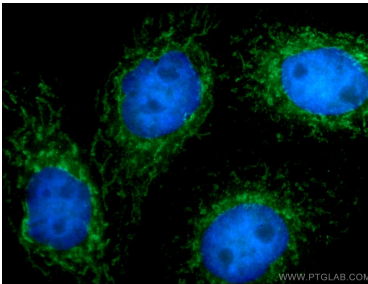
A431 cells were subjected to SDS PAGE followed by western blot with 12604-1-AP (IFIT2 Antibody) at dilution of 1:300 incubated at 4 degree celsius over night.



IP Result of anti-IFIT2 (IP:12604-1-AP, 4ug; Detection:12604-1-AP 1:300) with mouse skin tissue lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12604-1-AP (IFIT2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 12604-1-AP (IFIT2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).