

Nur für Forschungszwecke

# TSG101 Polyklonaler Antikörper

Katalog-Nr.:14497-1-AP

Vorgestelltes Produkt

193 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
14497-1-AP

Größe:  
150ul, Konzentration: 407 µg/ml  
durch die Bradford-Methode mit BSA  
als Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG5920

GenBank-Zugangsnummer:  
BC002487

GeneID (NCBI):  
7251

Vollständiger Name:  
tumor susceptibility gene 101

Berechnete Masse:  
44 kDa

Beobachtete Masse:  
46 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:5000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:100-1:400

IF 1:10-1:100

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, IP, RIP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Hund, Maus, Ratte, Rind

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

Positivkontrollen:

WB : NIH/3T3-Zellen, HeLa-Zellen

IP : HeLa-Zellen,

IHC : humanes Kolonkarzinomgewebe, humanes Herzgewebe

IF : HeLa-Zellen,

## Hintergrundinformationen

TSG101(Tumor susceptibility gene 101 protein) is essential for endosomal sorting, membrane receptor degradation and the final stages of cytokinesis. It plays a crucial role for cell proliferation and cell survival. TSG101 has been identified as a candidate tumor suppressor gene and belongs to the ubiquitin-conjugating enzyme family. TSG101 is a marker for exosome. This protein has 2 isoforms produced by alternative splicing with the molecular mass of 44 and 32 kDa.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kristien Peeters	27686364	Ann Neurol	WB
Qiyun Yang	32986908	Andrologia	WB
Xin Xing	34592398	Int J Pharm	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

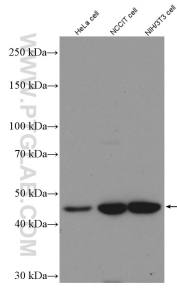
For technical support and original validation data for this product please contact:

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

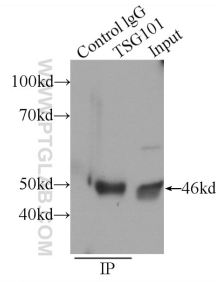
E: proteintech@ptglab.com  
W: ptglab.com

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

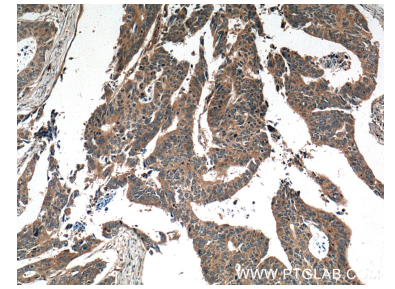
## Ausgewählte Validierungsdaten



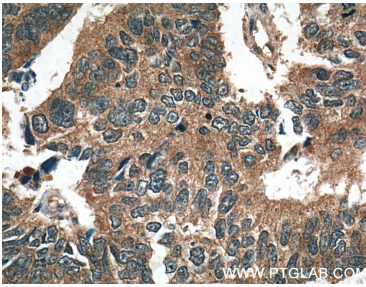
Various lysates were subjected to SDS PAGE followed by western blot with 14497-1-AP (TSG101 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



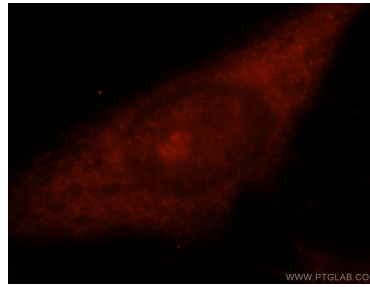
IP Result of anti-TSG101 (IP:14497-1-AP, 3ug; Detection:14497-1-AP 1:500) with HeLa cells lysate 1320ug.



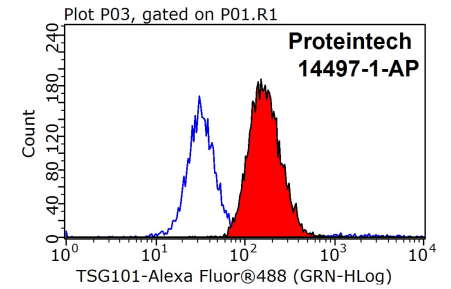
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14497-1-AP (TSG101 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14497-1-AP (TSG101 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using TSG101 antibody 14497-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



1X10<sup>6</sup> HeLa cells were stained with 0.2ug TSG101 antibody (14497-1-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.