

## Datasheet for ABIN1513646 **anti-TSG101 antibody (C-Term)**

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### Overview

Quantity:	100 µg
Target:	TSG101
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSG101 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

### Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of human TSG101/VPS23 (NP_006283.1).
Sequence:	SALEKMENQS ENNDIDEVII PTAPLYKQIL NLYAEENAIE DTIFYLGEAL RRGVIDLDVF LKHVRLLSRK QFQLRALMQK ARKTAGLSDL Y
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

### Target Details

Target:	TSG101
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## Target Details

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Alternative Name: TSG101 ([TSG101 Products](#))

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Background: The protein encoded by this gene belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes. The gene product contains a coiled-coil domain that interacts with stathmin, a cytosolic phosphoprotein implicated in tumorigenesis. The protein may play a role in cell growth and differentiation and act as a negative growth regulator. In vitro steady-state expression of this tumor susceptibility gene appears to be important for maintenance of genomic stability and cell cycle regulation. Mutations and alternative splicing in this gene occur in high frequency in breast cancer and suggest that defects occur during breast cancer tumorigenesis and/or progression.,TSG10,VPS23,TSG101 / VPS23,TSG101,Epigenetics & Nuclear Signaling,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,Cell differentiation,TSG101

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Molecular Weight: 31 kDa/43 kDa

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Gene ID: 7251

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UniProt: [Q99816](#)

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## Application Details

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Application Notes: WB,1:200 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:20 - 1:50

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Avoid freeze / thaw cycles

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Storage: -20 °C

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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

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## Publications

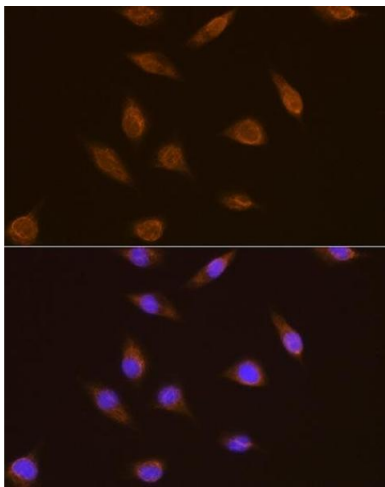
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Product cited in: Zhao, Wu, Duan, Ma, Shen, Wei, Cui, Zhang, Xie, Liu: "Quantitative proteomic analysis of

exosome protein content changes induced by hepatitis B virus in Huh-7 cells using SILAC labeling and LC-MS/MS." in: **Journal of proteome research**, Vol. 13, Issue 12, pp. 5391-402, (2015) ([PubMed](#)).

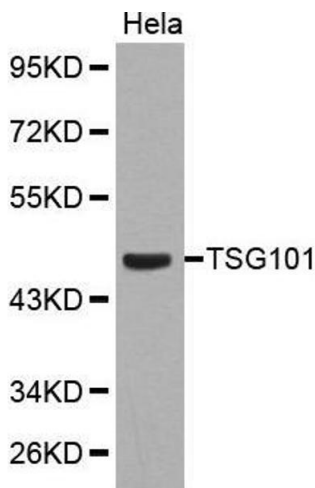
Yu, Yan, Yang, Wu, Ling, Chen, Tang, Tan, Cao, Wu, Yan, Wang: "Platelets promote tumour metastasis via interaction between TLR4 and tumour cell-released high-mobility group box1 protein." in: **Nature communications**, Vol. 5, pp. 5256, (2014) ([PubMed](#)).

Images



**Immunofluorescence**

**Image 1.** Immunofluorescence analysis of L929 cells using TSG101 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



**Western Blotting**

**Image 2.** Western blot analysis of extracts of HeLa cell line, using TSG101 antibody.