
TSG101 Rabbit pAb

Catalog Number: bs-1365R

Target Protein: TSG101

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Rat (predicted: Mouse, Rabbit, Cow, Dog, Horse)

Predicted MW: 44 kDa

Entrez Gene: 7251

Swiss Prot: Q99816

Source: KLH conjugated synthetic peptide derived from human Tsg101: 4-120/390.

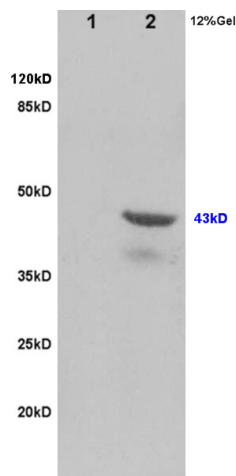
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

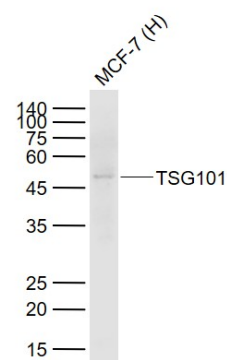
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Jul 2008]

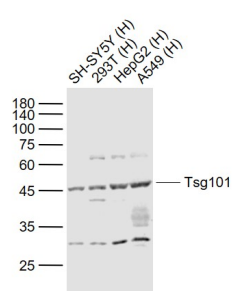
VALIDATION IMAGES



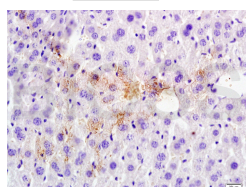
Sample: Lane1: Brain (Rat) Lysate at 30 ug Lane2: Heart(Rat) Lysate at 30 ug Primary: Anti-Tsg101 (bs-1365R) at 1:200 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bse-0295G) at 1: 3000 dilution; Predicted band size : 43kD Observed band size : 43kD



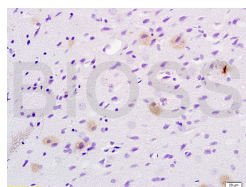
Sample: Lane 1: MCF-7 (Human) Cell Lysate at 30 ug Primary: Anti-TSG101 (bs-1365R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 46 kD



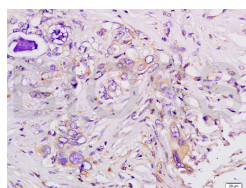
Sample: Lane 1: SH-SY5Y (Human) Cell Lysate at 30 ug Lane 2: 293T (Human) Cell Lysate at 30 ug Lane 3: HepG2 (Human) Cell Lysate at 30 ug Lane 4: A549 (Human) Cell Lysate at 30 ug Primary: Anti-Tsg101 (bs-1365R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 46 kD



Tissue/cell: rat liver tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Tsg101 Polyclonal Antibody, Unconjugated(bs-1365R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Tsg101 Polyclonal Antibody, Unconjugated(bs-1365R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Tsg101 Polyclonal Antibody, Unconjugated(bs-1365R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=14.976] Qinyu Ma. et al. Small extracellular vesicles deliver osteolytic effectors and mediate cancer - induced osteolysis in bone metastatic niche. J Extracell Vesicles. 2021 Feb;10(4):e12068 WB ; Mouse . 33659051

[IF=10.6] Lei Li-Min. et al. Cold exposure-induced plasma exosomes impair bone mass by inhibiting autophagy. J NANOBIOTECHNOL. 2024 Dec;22(1):1-21 WB ; Mouse . 38910236

[IF=10.6] Zhang Miaomiao. et al. Targeting glutamine synthetase with AS1411-modified exosome-liposome hybrid nanoparticles for inhibition of choroidal neovascularization. J NANOBIOTECHNOL. 2024 Dec;22(1):1-16 WB ; Human . 39533430

[IF=10.2] Li Fu-Xing-Zi. et al. Cold exposure protects against medial arterial calcification development via autophagy. J NANOBIOTECHNOL. 2023 Dec;21(1):1-22 IF,ICC,WB ; Mouse . 37461031

[IF=10.2] Zheng Ming-Hui. et al. Vascular wall microenvironment: exosomes secreted by adventitial fibroblasts induced vascular calcification. J NANOBIOTECHNOL. 2023 Dec;21(1):1-21 WB,IF ; Mouse . 37667298