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[KD Validated] TSG101/VPS23 Rabbit pAb

Catalog No.: A1692SP　　51 Publications

Basic Information

Observed MW
50 kDa

Calculated MW
44 kDa/32 kDa

Category
Primary antibody

Applications
WB,IF/ICC,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:2000 - 1:15000
IF/ICC	1:100 - 1:200
IHC-P	1:200 - 1:800
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000)a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
7251

Swiss Prot
Q99816

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
TSG10; VPS23

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.
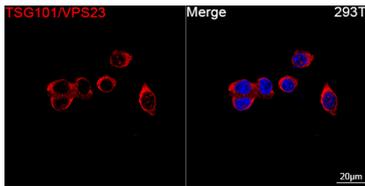May contain 0.05% BSA as specified on the Certificate of Analysis.
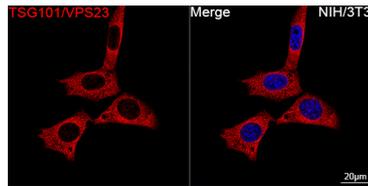
Contact

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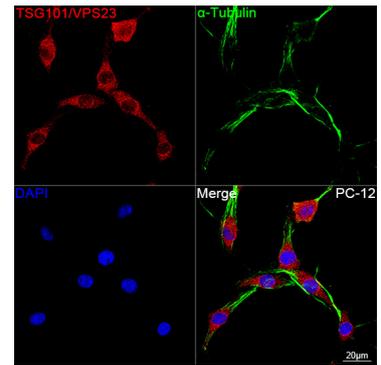
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Validation Data

Confocal imaging of 293T cells using [KD Validated] TSG101/VPS23 Rabbit pAb (A1692SP, dilution 1:100) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.


Confocal imaging of NIH/3T3 cells using [KD Validated] TSG101/VPS23 Rabbit pAb (A1692SP, dilution 1:100) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.


Confocal imaging of PC-12 cells using [KD Validated] TSG101/VPS23 Rabbit pAb (A1692SP, dilution 1:100) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.
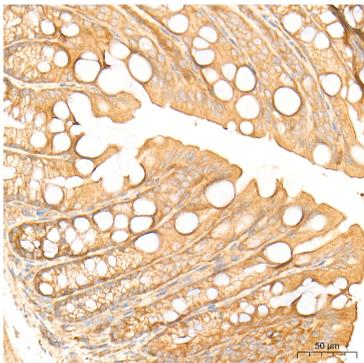
Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using TSG101/VPS23 Rabbit pAb (A1692SP) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.
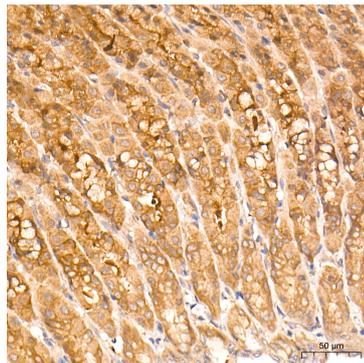
Immunohistochemistry analysis of paraffin-embedded Rat stomach tissue using TSG101/VPS23 Rabbit pAb (A1692SP) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.
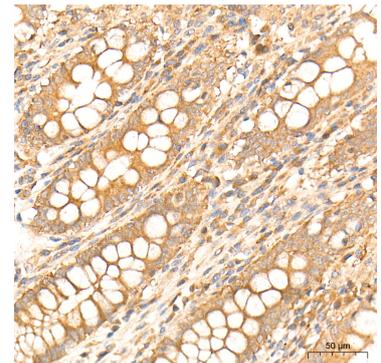
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using TSG101/VPS23 Rabbit pAb (A1692SP) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.