

TSG101 antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al11181

Specification

TSG101 antibody - middle region - Product Information

Application IHC, WB Primary Accession O61187

Other Accession <u>NM 021884</u>, <u>NP 068684</u>

Reactivity Human, Mouse, Rat, Rabbit, Goat, Horse,

Bovine, Dog

Predicted Human, Mouse, Rat, Rabbit, Chicken, Goat,

Horse, Bovine, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 43kDa KDa

TSG101 antibody - middle region - Additional Information

Gene ID 22088

Alias Symbol CC2, Al255943

Other Names

Tumor susceptibility gene 101 protein, ESCRT-I complex subunit TSG101, Tsg101

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-TSG101 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

TSG101 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

TSG101 antibody - middle region - Protein Information

Name Tsg101

Function

Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Binds to ubiquitinated cargo proteins and is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). Mediates the association between the ESCRT-0 and ESCRT-I complex. Required for completion of cytokinesis; the function requires CEP55. May be involved in cell growth and differentiation. Acts as a negative growth regulator. Required for the exosomal release of SDCBP, CD63 and syndecan (By similarity). It may also play a role in the extracellular release of microvesicles that differ from the exosomes (By similarity).





Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q99816}. Early endosome membrane {ECO:0000250|UniProtKB:Q99816}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q99816}; Cytoplasmic side {ECO:0000250|UniProtKB:Q99816}. Late endosome membrane {ECO:0000250|UniProtKB:Q99816}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q99816}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q99816}. Midbody, Midbody ring {ECO:0000250|UniProtKB:Q99816}. Nucleus {ECO:0000250|UniProtKB:Q99816}. Note=Mainly cytoplasmic. Membrane- associated when active and soluble when inactive. Nuclear localization is cell cycle-dependent. Interaction with CEP55 is required for localization to the midbody during cytokinesis {ECO:0000250|UniProtKB:Q99816}

Tissue Location

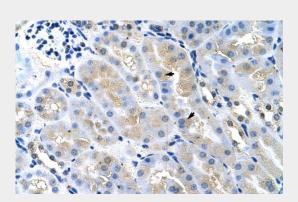
Ubiquitous. Higher expression in brain and mammary gland. Lower expression in liver and tumoral tissues

TSG101 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

TSG101 antibody - middle region - Images

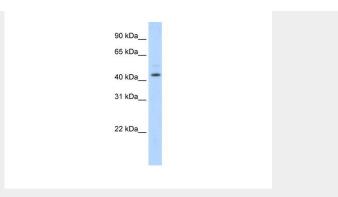


Rabbit Anti-Tsg101 Antibody

Paraffin Embedded Tissue: Mouse Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 µg/ml

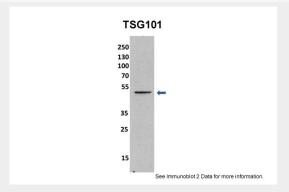
Magnification: 400X





WB Suggested Anti-TSG101 Antibody Titration: 1.25µg/ml

Positive Control: NIH/3T3 cell lysate



Sample Type:Â mouse fibroblast lusate (10ug) Primary Dilution:Â 1:1000 (1% BSA) Secondary Dilution:Â 1:2000 (5% milk) Image

Submitted by: Anonymous researcher See Customer Feedback tab for detailed information.

TSG101 antibody - middle region - References

Stefan,M., (er) BMC Genomics 6, 157 (2005)Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.