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Anti-TSG101 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18331

Specification

Anti-TSG101 Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	Q99816
Predicted	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**43944**

Anti-TSG101 Antibody - Additional Information

Gene ID 7251

Alias Symbol	**TSG101**

Other Names
TSG101, ESCRT-I complex subunit TSG101, Tumor susceptibility gene 10, Tumor susceptibility protein, VPS23, Tumor susceptibility gene 101, TSG10

Target/Specificity
Human TSG101

Reconstitution & Storage
Affinity purified

Precautions
Anti-TSG101 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-TSG101 Antibody - 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. Involved in the budding of many viruses through an interaction with viral proteins that contain a late-budding motif P-[ST]-A-P. This interaction is essential for viral particle budding of numerous retroviruses. Required for the exosomal release of SDCBP, CD63 and syndecan (PubMed:22660413). It may also play a role in the extracellular release of microvesicles that differ from the exosomes (PubMed:<a

href="http://www.uniprot.org/citations/22315426" target="_blank">22315426).

Cellular Location
Cytoplasm. Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Late endosome membrane; Peripheral membrane protein. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Midbody, Midbody ring. Nucleus. 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

Tissue Location
Heart, brain, placenta, lung, liver, skeletal, kidney and pancreas

Anti-TSG101 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-TSG101 Antibody - Images