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Anti-TSG101 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18331

Product Information

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

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.

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: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