

Rabbit TSG101 Polyclonal Antibody | anti-TSG101 antibody

TSG101 Polyclonal Antibody

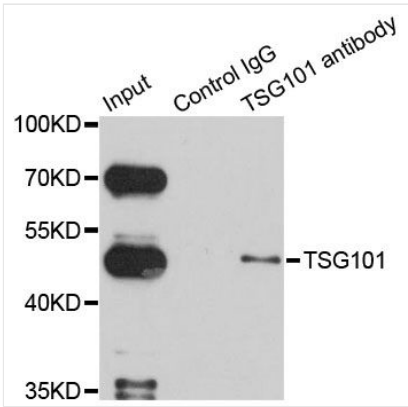
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36829	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

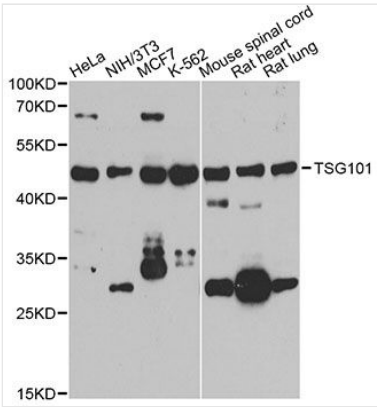
TSG101; Polyclonal Antibody; TSG101 Polyclonal Antibody; TSG10; VPS23; anti-TSG101 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence	RALMQKARKT AGLSDLY
Applicable Applications for anti-TSG101 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Fusion protein of human TSG101
Calculated Molecular Weight	44kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



IP (Immunoprecipitation)
Immunoprecipitation analysis of 150ug extracts of HeLa cells using 3ug TSG101 antibody. Western blot was performed from the immunoprecipitate using TSG101 antibody at a dilution of 1:1000.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TSG101 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-TSG101 antibody	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]
Product Categories/Family for anti-TSG101 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	9789790
NCBI GeneID	7251
UniProt Accession #	Q99816; Q9BUM5
Molecular Weight	390
NCBI Official Full Name	Tumor susceptibility gene 101 protein
NCBI Official Synonym Full Names	tumor susceptibility 101
NCBI Official Symbol	TSG101
NCBI Official Synonym Symbols	TSG10; VPS23
NCBI Protein Information	tumor susceptibility gene 101 protein; tumor susceptibility protein; ESCRT-I complex subunit TSG101
UniProt Protein Name	Tumor susceptibility gene 101 protein
UniProt Gene Name	TSG101
UniProt Entry Name	TS101_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.