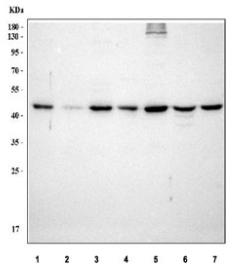
TSG101 Antibody (R32315)

Catalog No.	Formulation	Size
R32315	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q99816
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml
Limitations	This TSG101 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human Jurkat, 3) human K562, 4) rat brain, 5) rat PC-12, 6) mouse brain and 7) mouse NIH 3T3 cell lysate with TSG101 antibody. Predicted molecular weight ~45 kDa.

Description

TSG101, known as Tumor susceptibility gene 101, is mapped to 11p15. 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. And 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.

Application Notes

Optimal dilution of the TSG101 antibody should be determined by the researcher.

Immunogen

Amino acids KHVRLLSRKQFQLRALMQKARKTAGLSDLY of human TSG101 were used as the immunogen for the TSG101 antibody.

Storage

After reconstitution, the TSG101 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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