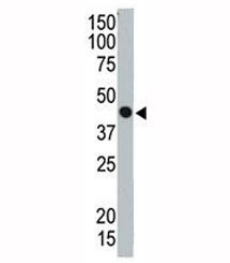
# TSG101 Antibody (F47990)

| Catalog No. | Formulation | Size |
|---|---|---|
| F47990-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F47990-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Predicted Reactivity** | Mouse, Rat |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | Q99816 |
| **Localization** | Cytoplasmic |
| **Applications** | Western Blot : 1:1000 |
| **Limitations** | This TSG101 antibody is available for research use only. |




Western blot testing of TSG101 antibody and ZR75-1 cell lysate. Predicted molecular weight ~45 kDa.

## Description

TSG101 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.

## Application Notes

Titration of the TSG101 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 340-370 from the human protein was used as the immunogen for this TSG101 antibody.

## Storage

Aliquot the TSG101 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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