

Datasheet for ABIN2461785
anti-TSG101 antibody



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Overview

Quantity:	100 µL
Target:	TSG101
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSG101 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TSG101.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	TSG101
Alternative Name:	TSG101 (TSG101 Products)
Background:	TSG101 belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes. TSG101 contains a coiled-coil domain that interacts with stathmin, a cytosolic phosphoprotein implicated in tumorigenesis. TSG101 may play a role in cell growth and differentiation and act as a negative growth regulator. In vitro steady-state expression of TSG101 appears to be important for maintenance of genomic stability and cell cycle regulation. Mutations and

Target Details

alternative splicing in TSG101 gene occur in high frequency in breast cancer. 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.

Molecular Weight: 44 kDa

Gene ID: 7251

NCBI Accession: [NP_006283](#)

UniProt: [Q99816](#)

Application Details

Application Notes: TSG101 antibody can be used for detection of TSG101 by ELISA at 1:312500. TSG101 antibody can be used for detection of TSG101 by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.

Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store TSG101 antibody at -20 °C.



Western Blotting

Image 1.