

Datasheet for ABIN3029403

anti-TSG101 antibody (AA 340-370)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	TSG101
Binding Specificity:	AA 340-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSG101 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 340-370 from the human protein was used as the immunogen for this TSG101 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Purified

Target Details

Target:	TSG101
Alternative Name:	TSG101 (TSG101 Products)
Background:	TSG101 belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes.

Target Details

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.

UniProt: [Q99816](#)

Application Details

Application Notes: Titration of the TSG101 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

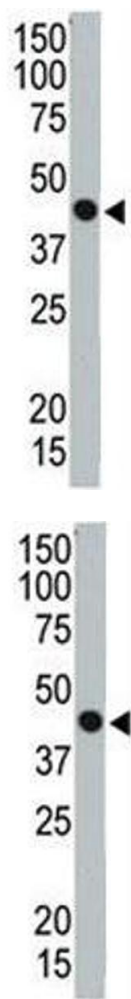
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the TSG101 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

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

Western Blotting

Image 2. Western blot testing of TSG101 antibody and ZR75-1 cell lysate. Predicted molecular weight ~45 kDa.