

Datasheet for ABIN2461785

anti-TSG101 antibody

Image



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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	

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	
I IniProt	000816	

UniProt: Q99816

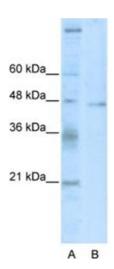
Application Details

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 ?L 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.