

Datasheet for ABIN2777954
anti-TSG101 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TSG101
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Goat, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSG101 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TSG101
Sequence:	YKYRDLTVRE TVNVITLYKD LKPVLD SYVF NDGSSREL MN LTGTIPVPYR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against TSG101. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TSG101
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Target Details

Alternative Name:	TSG101 (TSG101 Products)
Background:	<p>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.</p> <p>Alias Symbols: TSG10, VPS23</p> <p>Protein Interaction Partner: USHBP1, CEP55, VPS37C, VPS28, AATF, MGRN1, PDLIM7, TAX1BP1, KRT31, KRT13, KIFC3, DAPK3, AR, FAM9B, VPS37A, HAUS1, SYCE1, UBC, LRSAM1, ADRB2, MVB12A, UBAP1, CDKN1A, HGS, gag, gag-pol, GRB2, CDS2, ZFYVE9, VCP, VPS37B, WDR12, XPO1, UBD, ARRD1, KCNN4, RAB11F</p> <p>Protein Size: 390</p>
Molecular Weight:	44 kDa
Gene ID:	7251
NCBI Accession:	NM_006292 , NP_006283
UniProt:	Q99816

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

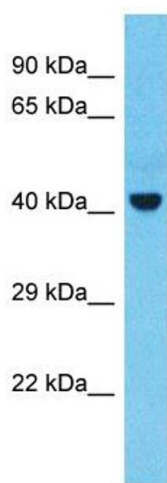
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

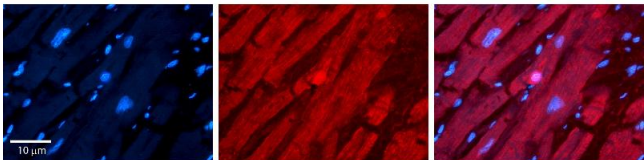
	should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: TSG101 Sample Type: Thymus tumor lysates Antibody Dilution: 1.0ug/ml



Immunohistochemistry

Image 2. Rabbit Anti-TSG101 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic, nucleus Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec