

Datasheet for ABIN3029402
anti-TSG101 antibody (AA 1-30)

3 Images

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Overview

Quantity:	0.4 mL
Target:	TSG101
Binding Specificity:	AA 1-30
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSG101 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this TSG101 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	TSG101
Alternative Name:	TSG101 (TSG101 Products)
Background:	TSG101 is a component of the ESCRT-I complex, a regulator of vesicular trafficking process. Binds to ubiquitinated cargo proteins and is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). Mediates the association between the ESCRT-0 and

Target Details

ESCRT-I complex. Required for completion of cytokinesis, the function requires CEP55. May be involved in cell growth and differentiation. Acts as a negative growth regulator. Involved in the budding of many viruses through an interaction with viral proteins that contain a late-budding motif P-[ST]-A-P. This interaction is essential for viral particle budding of numerous retroviruses. [UniProt]

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,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

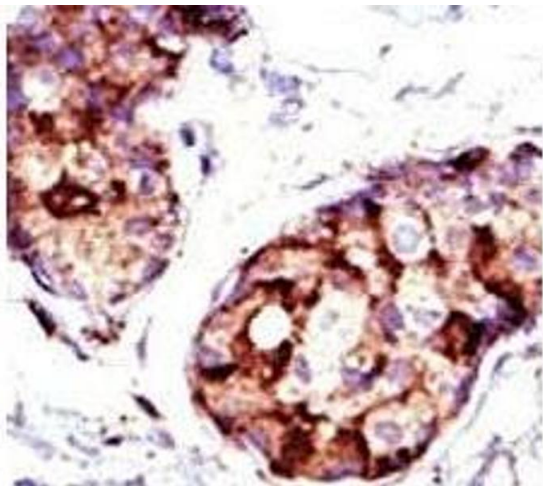
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

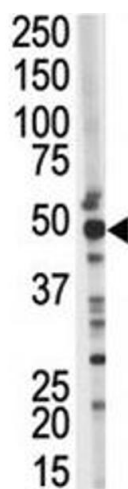
Storage: -20 °C

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



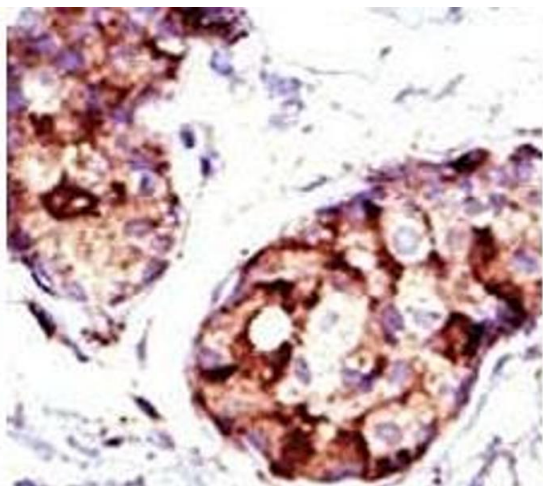
Immunohistochemistry

Image 1. IHC analysis of FFPE human breast carcinoma tissue stained with the TSG101 antibody.



Western Blotting

Image 2. Western blot testing of TSG101 antibody and mouse kidney tissue lysate. Predicted molecular weight ~45 kDa.



Immunohistochemistry

Image 3. IHC analysis of FFPE human breast carcinoma tissue stained with the TSG101 antibody.