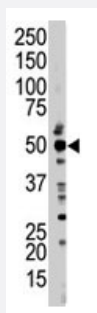


TSG101 polyclonal antibody

Catalog # PAB1759

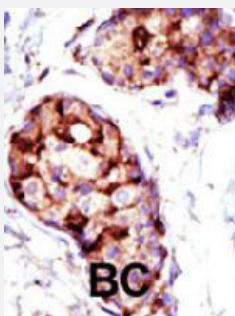
Size 400 uL

Applications



Western Blot (Tissue lysate)

The TSG101 polyclonal antibody (Cat # PAB1759) is used in Western blot to detect TSG101 in mouse kidney tissue lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with TSG101 polyclonal antibody (Cat # PAB1759), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

| | |
|----------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of TSG101. |
| Immunogen | A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human TSG101. |
| Host | Rabbit |
| Reactivity | Human, Mouse |
| Form | Liquid |
| Purification | Protein G purification |

| | |
|----------------------------|--|
| Recommend Usage | Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS (0.09% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot (Tissue lysate)

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Gene Info — TSG101

| | |
|---------------------------|--|
| Entrez GeneID | 7251 |
| Protein Accession# | T101_HUMAN |
| Gene Name | TSG101 |
| Gene Alias | TSG10, VPS23 |
| Gene Description | tumor susceptibility gene 101 |
| Omim ID | 601387 |
| Gene Ontology | Hyperlink |
| Gene Summary | 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. [provided by RefSeq] |

Other Designations

tumor susceptibility protein

Publication Reference

- [Metabolic characterization of a woman homozygous for the Ser113Leu missense mutation in carnitine palmitoyl transferase II.](#)

Haap M, Thamer C, Machann J, Tschritter O, Loblein K, Kellerer M, Schick F, Jacob S, Haring HU, Stumvoll M.

The Journal of Clinical Endocrinology and Metabolism 2002 May; 87(5):2139.

- [A novel nonsense mutation \(515del4\) in muscle carnitine palmitoyltransferase II deficiency.](#)

Deschauer M, Wieser T, Schroder R, Zierz S.

Molecular Genetics and Metabolism 2002 Feb; 75(2):181.

- [Human liver mitochondrial carnitine palmitoyltransferase I: characterization of its cDNA and chromosomal localization and partial analysis of the gene.](#)

Britton CH, Schultz RA, Zhang B, Esser V, Foster DW, McGarry JD.

PNAS 1995 Mar; 92(6):1984.

Pathway

- [Endocytosis](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)