

DNAxPAb

Hard-to-Find
Antibody

TSG101 DNAxPab

Catalog # H00007251-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human TSG101 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MAVSESQLKKMVS KYKYRDLTVRET VNVITLYKDLKPVLD SYVFNDGSSRELMNLTGTIPVPYRGN
TYPICLWLLDTYPYNPPICFVKPTSSMTIKTGKHVDANGKIYLPYLHEWKHPQSDLLGLIQVMVVF
GDEPPVFSRPISASYPPYQATGPPNTSYMPGMPGGISPYPSGYPPNPSGYPGCPYPPGGPYPATT
SSQYPSQPPVTTVGPSRDGTISED TIRASLISAVSDKLRWRMKEEMDRAQAELNALKRTEEDLKK
GHQKLEEMVTRLDQEVAEVDKNIELLKKKDEELSSALEKMENQSENNDIDEV I IPTAPLYKQILNLY
AEENAIEDTIFYLGEALRRGVLDLDVFLKHVRLLSRKQFQLRALMQKARKTAGLSDLY

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — TSG101

Entrez GeneID [7251](#)

GeneBank Accession# [ENST00000251968](#)

Protein Accession# [ENSP00000251968](#)

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

Pathway

- [Endocytosis](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)

- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)