

TSG101/VPS23 Rabbit mAb

Catalog No.: A5789 Recombinant 22 Publications

Basic Information

Observed MW

46 kDa

Calculated MW

44kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0853

Background

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.

Recommended Dilutions

WB 1:1000 - 1:6000

ELISA Recommended starting concentration is 1 μ g/mL.
 Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7251

Swiss Prot

Q99816

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TSG101/VPS23 (Q99816).

Synonyms

TSG10; VPS23

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

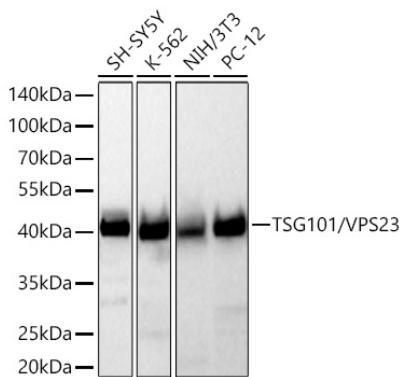
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using TSG101/VPS23 Rabbit mAb (A5789) at 1:1000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.