



Anti-TSG101 polyclonal antibody (DPABY-732)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Immunogen	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 117 and 324 of TSG101
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Purified by antigen-affinity chromatography.
Conjugate	Unconjugated
Applications	ELISA Pr*, ICC/IF, IP, WB
Molecular Weight	44 kDa
Cellular Localization	Cytoplasm, Membrane; Peripheral membrane protein, Nucleus, Late endosome membrane; Peripheral membrane protein
Positive Control	A549, H1299, HCT116, U87-MG, SK-N-SH, IMR32, SK-N-AS
Format	Liquid

Concentration	0.39 mg/ml
Size	25 µl
Buffer	1XPBS, 1%BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Preservative	None
Storage	Keep as concentrated solution. Aliquot and store at -40°C or below. Avoid multiple freeze-thaw cycles.

GENE INFORMATION

Gene Name	TSG101 tumor susceptibility 101 [Homo sapiens (human)]
Official Symbol	TSG101
Synonyms	TSG101; tumor susceptibility 101; TSG10; VPS23; tumor susceptibility gene 101 protein; tumor susceptibility gene 10; tumor susceptibility protein; tumor susceptibility gene 101; ESCRT-I complex subunit TSG101;
Entrez Gene ID	7251
Protein Refseq	NP_006283
UniProt ID	Q99816
Chromosome Location	11p15
Pathway	Assembly Of The HIV Virion; Budding and maturation of HIV virion; Disease; ESCRT-I complex; Endocytosis; Endosomal Sorting Complex Required For Transport (ESCRT); Glucocorticoid receptor regulatory network; HIV Infection;
Function	DNA binding; calcium-dependent protein binding; protein binding; protein homodimerization activity; transcription corepressor activity; ubiquitin binding; ubiquitin protein ligase binding;