



GTSE1 Polyclonal Antibody

Catalog No	YP-Ab-05078
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	GTSE1
Immunogen	Synthesized peptide derived from human protein . at AA range: 70-150
Specificity	GTSE1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	B99;G 2 and S phase expressed 1;GTSE 1;GTSE1;Protein B99 homolog;G2 and S phase-expressed protein 1 (GTSE-1) (Protein B99 homolog)
Observed Band	66-77 kDa, 100 kDa
Calculated Molecular Weight	77 kDa
Cell Pathway	Cytoplasm, cytoskeleton. Associated with microtubules.
Tissue Specificity	Brain,Epithelium,Liver,Muscle,Placenta,
Function	developmental stage:Expressed in G2/M phase. Not detected in quiescent cells., function:May be involved in p53-induced cell cycle arrest in G2/M phase by interfering with microtubule rearrangements that are required to enter mitosis. Overexpression delays G2/M phase progression.,PTM:Phosphorylated in mitosis.,subcellular location:Associated with microtubules.,
Background	The protein encoded by this gene is only expressed in the S and G2 phases of the cell cycle, where it colocalizes with cytoplasmic tubulin and microtubules. In response to DNA damage, the encoded protein accumulates in the nucleus and binds the tumor suppressor protein p53, shuttling it out of the nucleus and repressing its ability to induce apoptosis. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images