

Immunotag™ GTSE1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0204
Product Description	Immunotag™ GTSE1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GTSE1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 70-150
Specificity	GTSE1 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	GTSE1
Accession No.	Q9NYZ3 Q8R080
Description	G2 and S-phase expressed 1(GTSE1) Homo sapiens 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],

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Cell Pathway/ Category	p53,
Protein Expression	Brain,Epithelium,Liver,Muscle,Placenta,
Subcellular Localization	nucleoplasm,cytosol,cytoplasmic microtubule,membrane,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.