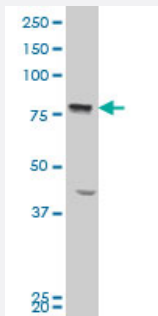


GTSE1 polyclonal antibody (A01)

Catalog # H00051512-A01

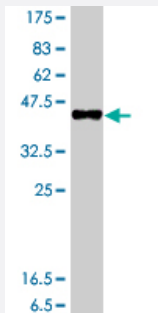
Size 50 uL

Applications



Western Blot (Cell lysate)

GTSE1 polyclonal antibody (A01), Lot # 050712JC01 Western Blot analysis of GTSE1 expression in Y-79 (Cat # L042V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GTSE1.
Immunogen	GTSE1 (NP_057510, 621 a.a. ~ 720 a.a) partial recombinant protein with GST tag.
Sequence	PSEALLVDIKLEPLAVTPDAASQPLIDLPLIDFCDTPEAHVAVGSESRLIDLMTNTPDMNKNVAKP SPVVGQLIDLSSPLIQLSPEADKENVDSPLLKF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (64)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

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

Applications

- Western Blot (Cell lysate)

GTSE1 polyclonal antibody (A01), Lot # 050712JC01 Western Blot analysis of GTSE1 expression in Y-79 (Cat # L042V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GTSE1

Entrez GeneID

[51512](#)

GeneBank Accession#

[NM_016426](#)

Protein Accession#

[NP_057510](#)

Gene Name

GTSE1

Gene Alias

B99

Gene Description

G-2 and S-phase expressed 1

Omim ID

[607477](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

OTTHUMP00000028851

Pathway

- [p53 signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)