

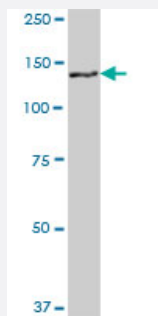
MaxPab®

GTSE1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051512-B01P

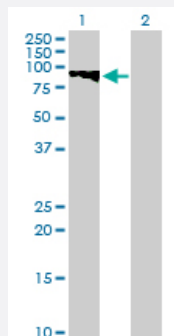
Size 50 ug

Applications



Western Blot (Tissue lysate)

GTSE1 MaxPab polyclonal antibody. Western Blot analysis of GTSE1 expression in human colon.



Western Blot (Transfected lysate)

Western Blot analysis of GTSE1 expression in transfected 293T cell line ([H00051512-T01](#)) by GTSE1 MaxPab polyclonal antibody.

Lane 1: GTSE1 transfected lysate(79.2 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GTSE1 protein.

Immunogen

GTSE1 (NP_057510.2, 1 a.a. ~ 720 a.a) full-length human protein.

Sequence	MDDPKKEDILLLADEKFDLFDLSLSSSSANEDDEVFFGPFGHKERCIAASLELNNPVPEQPPLPTS ESPFAWSPLAGEKFVEVYKEAHLALHIESSSRNQAAQAAKPEDPRSQGVERFIQESKLKINLFE KEKEMKKSPTSLKRETYLSDSPLLGPVGEPRLLASSPALPSSGAQARLTRAPGPPHSAHALP RESCTAHAASQAATQRKPGTKLLLPRAASVRGRSIPGAAEKPKEIPASPSRTKIPAEKESHRDV LPDKPAPGAVNVPAAGSHLGGKRAIPVPNKLGLKKTLLKAPGSTSNLARKSSSGPVWVGASSA CTSPAVGKAKSSEFASIPANSSRPLSNISKSGRMGPAMLRPALPAGPVGASSWQAKRVDVSEL AAEQLTAPPSASPTQPQTPEGGGQWLNSSCAWSESSQLNKTRSIRRRDSCLSNKTVMPTPTN QFKIPKFSIGDSPDSSTPKLSRAQRPQSCTSVGRVTVHSTPVRSSGPAPQSLLSARRVSALPTP ASRRCSGLPPMTPKTMPRAVGSPLCVPARRRSSEPRKNSAMRTEPTRESNRKTD SRLVDVSPD RGSPPSRVPQALNFSPEESDSTFSKSTATEVAREEAKPGGDAAPSEALLVDIKLEPLAVTPDAA SQPLIDLPLIDFCDTPEAHVAVGSESRPLIDLMTNTPDMNKNVAKPSPVVGQLIDLSSPLIQLSPEA DKENVDSPLLKF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (56); Rat (56)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

GTSE1 MaxPab polyclonal antibody. Western Blot analysis of GTSE1 expression in human colon.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GTSE1 expression in transfected 293T cell line ([H00051512-T01](#)) by GTSE1 MaxPab polyclonal antibody.

Lane 1: GTSE1 transfected lysate(79.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — GTSE1

Entrez GeneID

[51512](#)

GeneBank Accession#	NM_016426
Protein Accession#	NP_057510.2
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

Publication Reference

- [Specific removal of TACC3-ch-TOG-clathrin at metaphase deregulates kinetochore fiber tension.](#)

Cheeseman LP, Harry EF, McAinsh AD, Prior IA, Royle SJ.

Journal of Cell Science 2013 May; 126(Pt 9):2102.

Application: IF, Human, HeLa cells

Pathway

- [p53 signaling pathway](#)

Disease

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