



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## TOB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00010140-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

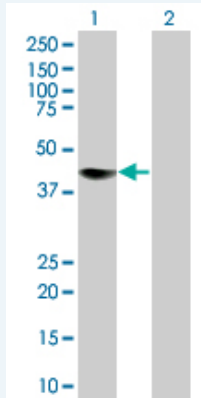
**Plasmid:** pCMV-TOB1 full-length

**Host:** Human

**Theoretical MW (kDa):** 38.06

**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-TOB1 antibody (H00010140-B01) by Western Blots.

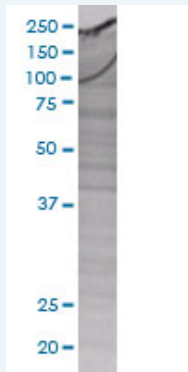
#### Western Blot



Lane 1: TOB1 transfected lysate ( 38.2 KDa)

Lane 2: Non-transfected lysate.

#### SDS-PAGE Gel



TOB1 transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [10140](#)

GeneBank Accession#: [NM\\_005749](#)

Protein Accession#: [NP\\_005740](#)

Gene Name: TOB1

Gene Alias: APRO6,MGC104792,MGC34446,PIG49,TOB,TROB,TROB1

Gene Description: transducer of ERBB2, 1

Omim ID: [605523](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a member of the tob/btg1 family of anti-proliferative proteins that have the potential to regulate cell growth. When exogenously expressed, this protein suppresses cell growth in tissue culture. The protein undergoes phosphorylation by a serine/threonine kinase, 90 kDa ribosomal S6 kinase. Interactions of this protein with the v-erb-b2 erythroblastic leukemia viral oncogene homolog 2 gene product p185 interferes with growth suppression. This protein inhibits T cell proliferation and transcription of cytokines and cyclins. The protein interacts with both mothers against decapentaplegic Drosophila homolog 2 and 4 to enhance their DNA binding activity. This interaction inhibits interleukin 2 transcription in T cells. [provided by RefSeq]

Other Designations: transducer of erbB-2