



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)



[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## EIF4EBP1 polyclonal antibody (A01)

Catalog # : H00001978-A01

規格 : [ 50 uL ]

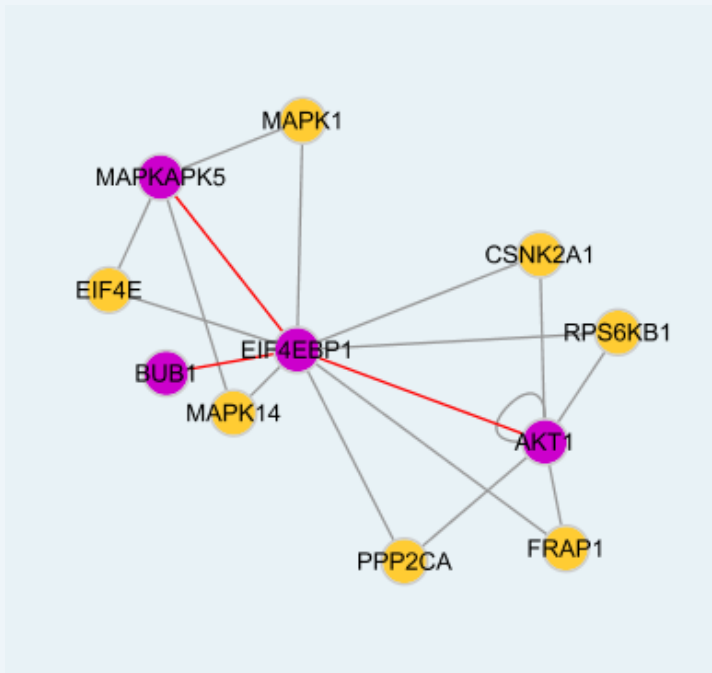
List All

Specification	Application Image
<b>Product Description:</b> Mouse polyclonal antibody raised against a full-length recombinant EIF4EBP1.	ELISA
<b>Immunogen:</b> EIF4EBP1 (AAH04459, 1 a.a. ~ 118 a.a) full-length recombinant protein with GST tag.	
<b>Sequence:</b> MSGGSSCSQTSPRAIPATRRRWLGDGVQLPPGDYSTTPGGTLFSTTPG GTRIIYDRKFLMECRNSPVTKTPPRDLPTIPGVTSPSSDEPPMEASQSHL RNSPEDKRAGGEESQFEMDI	
<b>Host:</b> Mouse	
<b>Reactivity:</b> Human	
<b>Quality Control Testing:</b> Antibody Reactive Against Recombinant Protein.	
<b>Storage Buffer:</b> 50 % glycerol	
<b>Storage Instruction:</b> Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.	
<b>MSDS:</b>  <a href="#">Download</a>	
<b>Datasheet:</b>  <a href="#">Download</a>	
<b>Applications</b>	
ELISA	
<b>Gene Information</b>	
<b>Entrez GeneID:</b> <a href="#">1978</a>	
<b>GeneBank Accession#:</b> <a href="#">BC004459</a>	
<b>Protein Accession#:</b> <a href="#">AAH04459</a>	
<b>Gene Name:</b> EIF4EBP1	
<b>Gene Alias:</b> 4E-BP1,4EBP1,BP-1,MGC4316,PHAS-I	
<b>Gene Description:</b> eukaryotic translation initiation factor 4E binding protein 1	
<b>Omim ID:</b> <a href="#">602223</a>	
<b>Gene Ontology:</b> <a href="#">Hyperlink</a>	

**Gene Summary:** This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation. [provided by RefSeq]

**Other Designations:** eIF4E-binding protein 1, phosphorylated heat- and acid-stable protein regulated by insulin 1

### Interactome



### Gene Pathway

[Acute myeloid leukemia](#) [ErbB signaling pathway](#) [Insulin signaling pathway](#)  
[mTOR signaling pathway](#)

### Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Genetic Predisposition to Disease](#)  
[Multiple System Atrophy](#) [Obesity](#)

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