



# SZABO SCANDIC

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## 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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## EIF4E polyclonal antibody (A01)

Catalog # : H00001977-A01

規格 : [ 50 uL ]

List All

| Specification   | Application Image |
|---|-------------------|
| <b>Product Description:</b> Mouse polyclonal antibody raised against a full-length recombinant EIF4E.   | ELISA             |
| <b>Immunogen:</b> EIF4E (AAH12611, 1 a.a. ~ 217 a.a) full-length recombinant protein with GST tag.  |                   |
| <b>Sequence:</b> MATVEPETTPTPNPPTTEEEKTESNQEVANPEHYIKHPLQNRWALWFFK<br>NDKSKTWQANLRLISKFDTVEDFWALYNHIQLSSNLMPGCDYSLFKDGIE<br>PMWEDEKNKRGGRWLITLNKQRRSDLNRFWLETLLCLIGESFDDYSD<br>DVCGAVNVRAKGDKIAMWTECENREAVTHIGRVYKERLGLPPKIVIGYQ<br>SHADTATKSGSTTKNRFVV |                   |
| <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="#">1977</a>  |                   |
| <b>GeneBank Accession#:</b> <a href="#">BC012611</a>  |                   |
| <b>Protein Accession#:</b> <a href="#">AAH12611</a>   |                   |
| <b>Gene Name:</b> EIF4E   |                   |
| <b>Gene Alias:</b> CBP,EIF4E1,EIF4EL1,EIF4F,MGC111573   |                   |
| <b>Gene Description:</b> eukaryotic translation initiation factor 4E  |                   |
| <b>Omim ID:</b> <a href="#">133440</a>  |                   |

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** All eukaryotic cellular mRNAs are blocked at their 5-prime ends with the 7-methylguanosine cap structure, m7GpppX (where X is any nucleotide). This structure is involved in several cellular processes including enhanced translational efficiency, splicing, mRNA stability, and RNA nuclear export. EIF4E is a eukaryotic translation initiation factor involved in directing ribosomes to the cap structure of mRNAs. It is a 24-kD polypeptide that exists as both a free form and as part of a multiprotein complex termed EIF4F. The EIF4E polypeptide is the rate-limiting component of the eukaryotic translation apparatus and is involved in the mRNA-ribosome binding step of eukaryotic protein synthesis. The other subunits of EIF4F are a 50-kD polypeptide, termed EIF4A (see MIM 601102), that possesses ATPase and RNA helicase activities, and a 220-kD polypeptide, EIF4G (MIM 600495) (Rychlik et al., 1987 [PubMed 3469651]).[supplied by OMIM

**Other Designations:** eIF-4F 25 kDa subunit, eukaryotic translation initiation factor 4E-like 1, mRNA cap-binding protein

#### Gene Pathway

[Insulin signaling pathway](#) [mTOR signaling pathway](#)

#### Related Disease

[Tobacco Use Disorder](#)

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