



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

www.szabo-scandic.com

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

EIF4E purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001977-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human EIF4E protein.

Immunogen: EIF4E (AAH35166.1, 1 a.a. ~ 217 a.a) full-length human protein.

Sequence:
 MATVEPETTPTPNPPTTEEEKTESNQEVANPEHYIKHPLQNRWALWFFK
 NDKSKTWQANLRLISKFDTVEDFWALYNHIQLSSNLMPGCDYSLFKDIE
 PMWEDEKNKRGGRWLITLNKQRRSDLDRFWLETLLCLIGESFDDYSD
 DVCGAVWNVRAKGDKIAWTTTECENREAVTHIGRVYKERLGLPPKIVIGYQ
 SHADTATKSGSTTKNRFVW

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

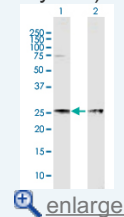
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

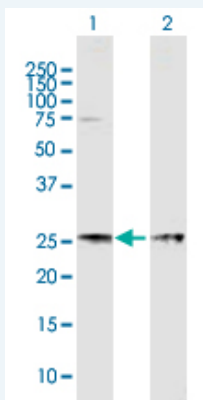
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of EIF4E expression in transfected 293T cell line (H00001977-T01) by EIF4E MaxPab polyclonal antibody.

Lane 1: EIF4E transfected lysate(23.87 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [1977](#)

GeneBank
Accession#: [NM_001968](#)

Protein
Accession#: [AAH35166.1](#)

Gene Name: EIF4E

Gene Alias: CBP,EIF4E1,EIF4EL1,EIF4F,MGC111573

Gene
Description: eukaryotic translation initiation factor 4E

Omim ID: [133440](#)

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](#)