



# 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

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## E2F4 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001874-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human E2F4 protein.

**Immunogen:** E2F4 (NP\_001941.2, 1 a.a. ~ 413 a.a) full-length human protein.

**Sequence:**  
 MAEAGPQAPPPPGTSPSRHEKSLGLLTTKFVSLLEAKDGVLDLKLAAADT  
 LAVRQKRRIYDITNVLEGLIEKSKNSIQWKGVGPCNTREIADKLIELK  
 AEIEELQQREQELDQHKVWVQQSIRNVTEDVQNSCLAYVTHEDICRCFA  
 GDTLLAIRAPSGTSLEVPPIPEGLNGQKQYQIHLKSVSGPIEVLLVNKEAWS  
 SPPVAVPVPPPEDLLQSPSAVSTPPPLPKPALAQSQEASRPNSPQLTPT  
 AVPGSAEVQGMAGPAAEITVSGGPGTDSKDSGELSSLPLGPTTLDTRPL  
 QSSALLDSSSSSSSSSSSSSSNSSSSSSGPNPSTSFEPKADPTGVLELP  
 KELSEIFDPTRECMSELLEELMSSEVFAPLLRLSPPPGDHDYIYNLDESE  
 GVCDLFDVPVLNL

**Host:** Rabbit

**Reactivity:** Human, Mouse

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

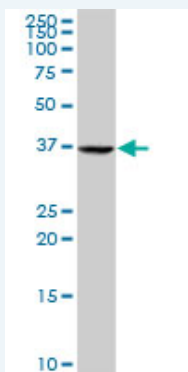
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

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

### Applications

#### Western Blot (Tissue lysate)



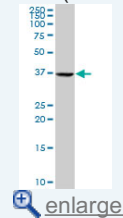
E2F4 MaxPab rabbit polyclonal antibody. Western Blot analysis of E2F4 expression in mouse spleen.

[Protocol Download](#)

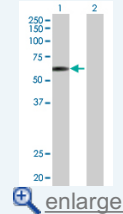
#### Western Blot (Transfected lysate)

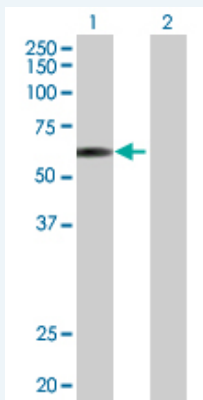
### Application Image

#### Western Blot (Tissue lysate)




#### Western Blot (Transfected lysate)





Western Blot analysis of E2F4 expression in transfected 293T cell line ([H00001874-T02](#)) by E2F4 MaxPab polyclonal antibody.

Lane 1: E2F4 transfected lysate(44.00 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [1874](#)

**GeneBank Accession#:** [NM\\_001950.3](#)

**Protein Accession#:** [NP\\_001941.2](#)

**Gene Name:** E2F4

**Gene Alias:** E2F-4

**Gene Description:** E2F transcription factor 4, p107/p130-binding

**Omim ID:** [600659](#)

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

**Gene Summary:** The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionally conserved domains found in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein binds to all three of the tumor suppressor proteins pRB, p107 and p130, but with higher affinity to the last two. It plays an important role in the suppression of proliferation-associated genes, and its gene mutation and increased expression may be associated with human cancer. [provided by RefSeq]

**Other Designations:** E2F transcription factor 4,p107/p130-binding protein

## Gene Pathway

[Cell cycle TGF-beta signaling pathway](#)

## Related Disease

[Genetic Predisposition to Disease Ovarian Neoplasms](#)

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