



# 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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**OPTN purified MaxPab rabbit polyclonal antibody (D01P)** MaxPab®

Catalog # : H00010133-D01P

規格 : [ 100 ug ]

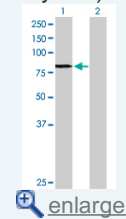
[List All](#)

**Specification**

<b>Product Description:</b>	Rabbit polyclonal antibody raised against a full-length human OPTN protein.
<b>Immunogen:</b>	OPTN (NP_001008212.1, 1 a.a. ~ 577 a.a) full-length human protein.
<b>Sequence:</b>	MSHQPLSCLTEKEDSPSESTGNGPPHLAHPNLDTFTPEELLQQMKELLT ENHQLKEAMKLNQAMKGRFEELSAWTEKQKEERQFFEIQSKEAKERL MALSHENEKLEELGKLGKSERSESDPTDDSRLPRAEAEQEKDQLRT QVVRLQAEKADLLGIVSELQLKLNSSGSSSEDSFVEIRMAEGEAGSVKEI KHSPGPTRTVSTGTALSKYRSRSADGAKNYFEHEELTVSQQLLCLREGN QKVERLEVALKEAKERVSDFEKKTSNRSEIETQTEGSTEKENDEEKGPE TVGSEVEALNLQVTSLFKELQEHTKLSEAEMLMCKRLQEKQALERKNS AIPSELNEKQELVYTNNKLELQVESMLSEIKMEQAKTEDEKSKLTVLQMT HNKLLQEHNNALKTIEELTRKESEKVDRAVLKELSEKLELAEKALASKQLQ MDEMKTIAKQEEDELETMTILRAQMEVYCSDFAERAAREKIHEEKEQLA LQLAVLLKENDAFEDGGRQSLMEMQSRHGARTSDSDQQAAYLVQRGAE DRDWRQRNPIHSCPCKGCVLPDIDTLQIHVMDCII
<b>Host:</b>	Rabbit
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<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>

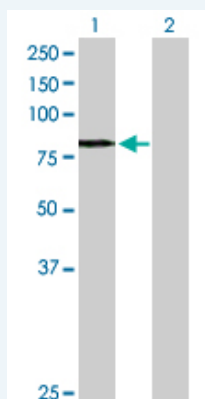
**Application Image**

Western Blot (Transfected lysate)



**Applications**

Western Blot (Transfected lysate)



Western Blot analysis of OPTN expression in transfected 293T cell line ([H00010133-T02](#)) by OPTN MaxPab polyclonal antibody.

Lane 1: OPTN transfected lysate(65.90 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [10133](#)

**GeneBank  
Accession#:** [NM\\_001008211](#)

**Protein  
Accession#:** [NP\\_001008212.1](#)

**Gene Name:** OPTN

**Gene Alias:** FIP2, GLC1E, HIP7, HYPL, NRP, TFIIIA-INTP

**Gene  
Description:** optineurin

**Omim ID:** [137760](#), [602432](#), [606657](#)

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

**Gene Summary:** This gene encodes the coiled-coil containing protein optineurin. Optineurin may play a role in normal-tension glaucoma and adult-onset primary open angle glaucoma. Optineurin interacts with adenovirus E3-14.7K protein and may utilize tumor necrosis factor-alpha or Fas-ligand pathways to mediate apoptosis, inflammation or vasoconstriction. Optineurin may also function in cellular morphogenesis and membrane trafficking, vesicle trafficking, and transcription activation through its interactions with the RAB8, huntingtin, and transcription factor IIIA proteins. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

**Other  
Designations:** Huntingtin interacting protein  
L, OTTHUMP00000019125, OTTHUMP00000019126, OTTHUMP00000019127, OTTHUMP00000019128, glaucoma 1, open angle, E (adult-onset), nemo-related protein, transcription factor IIIA-interacting protein, tumor necrosis factor alpha-inducible ce

## Related Disease

[Alzheimer Disease](#) [Genetic Predisposition to Disease](#) [Glaucoma](#) [Glaucoma](#)  
[Glaucoma, Open-Angle](#) [Leber hereditary optic neuropathy](#) [Ocular Hypertension](#)  
[Optic Atrophy, Autosomal Dominant](#) [Optic Atrophy, Hereditary](#) [Leber](#)  
[Optic Nerve Diseases](#) [Osteitis Deformans](#) [Retinal Diseases](#) [Tobacco Use Disorder](#)

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