

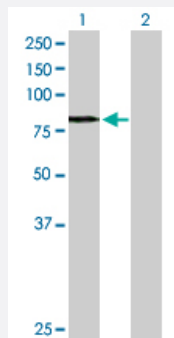
MaxPab®

OPTN purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010133-D01P

Size 100 ug

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.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OPTN protein.
Immunogen	OPTN (NP_001008212.1, 1 a.a. ~ 577 a.a) full-length human protein.
Sequence	MSHQPLSCLTEKEDSPSESTGNGPPHLAHPNLDFTPEELLQQMKELLTENHQLKEAMKLNQAMKGRFEELSAWTEKQKEERQFFEIQSKEAKERLMALSHENEKLKEELGKLKGKSERSSDPTD DSRLPRAEAEQEKDQLRTQVVRLQAEKADLLGMSELQLKLNSSGSSDSFVEIRMAEGEAEGS VKEIKHSPGPTRTVSTGTALSKYRSRSADGAKNYFEHEELTVSQLLLCLREGNQKVERLEVALKE AKERVSDFEKKTNSRSEIETQTEGSTEKENDEEKGPETVGSEVEALNLQVTSFLKELQEATKLS EAELMKRLQEKQCQALERKNSAIPSELNEKQELVYTNKKLELQVESMLSEIKMEQAKTEDEKSKL TVLQMTHNKLQEHNNALKTIEELTRKESEKVDRAVLKELSEKLELAEKALASKQLQMDMKQTIA KQEDLETMTILRAQMEVYCSDFAERAAREKIHEEKEQLALQLAVLLKENDAFEDGGRQSLME MQSRHGARTSDSDQQAYLVQGAEDRDWRQQRNIPIHSCPKCGEVLDPDIDTLQIHVMDCII
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76); Rat (73)
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.

Applications

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[Protocol Download](#)

Gene Info — OPTN

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|OTTHUMP0000019127|OTTHUMP00000019128|glaucoma 1, open angle, E (adult-onset)|nemo-related protein|transcription factor IIIA-interacting protein|tumor necrosis factor alpha-inducible ce

Disease

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