

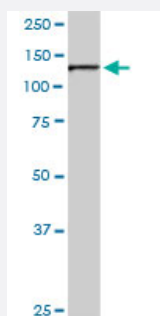
MaxPab®

OPA1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004976-D01P

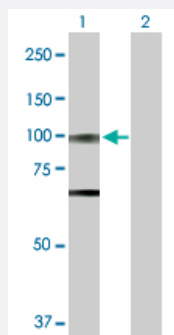
Size 100 ug

Applications



Western Blot (Tissue lysate)

OPA1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OPA1 expression in human colon.



Western Blot (Transfected lysate)

Western Blot analysis of OPA1 expression in transfected 293T cell line ([H00004976-T01](#)) by OPA1 MaxPab polyclonal antibody.

Lane 1: OPA1 transfected lysate(111.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human OPA1 protein.

Immunogen

OPA1 (NP_056375.1, 1 a.a. ~ 960 a.a) full-length human protein.

Sequence

MWRLRRAAVACEVCQSLVKHSSGIGSLPLQKLHLVSRSIYHSHHPTLKLQRPQLRTSFQQFSSL
TNLPLRKLKFSPIKYGYQPRNFWPARLATRLLKRLYLILGSAVGGGYTAKKTFDQWKDMIPDLSEY
KWMPDIVWEIDEYDFEKIRKALPSSSEDLVKLAPDFDKIVESLSLLKDDFTSGSPEETAFRATDRG
SESDKHFRKVSDEKIDQLQEELLHTQLKYQRILERLEKENKELRKLVLQKDDKGIHHRKLKSLID
MYSEVLVDLSYDASYNTQDHLPRVVVGDDQSAGKTSVLEMAQARIFPRGSGEMMTRSPVKVT
LSEGGPHHALFKDSSREFDLTKEEDLAALRHEIELMRKNVKEGCTVSPETISLNVKGPGQLQRMV
LVDLPGVINTVTSGMAPDTKETIFSISKAYMQNPNAIILCIQDGSVDAERSVTDLVSQMDPHGRRTIF
VLTKVDLAEKNVASPSRIQQIIIEGKLFPMKALGYFAVVTGKGNSSIESIAIREYEEFFQNSKLLKTS
MLKAHQVTTRNLSLAVSDCFWKMMVRESVEQQADSFKATRFNLETWKNKNYPRLRELDNLFELFE
KAKNEILDEVISLSQVTPKHWEELQQSLWERVSTHVIENYLPAAQTMNSGTFTNTVDIKLKQWTD
KQLPNKAVEVAWETLQEEFSRFMTPEPKGEHDDIFDKLKEAVKEESIKRHKWNDFAEDSLRVIQ
HNALEDRSISDKQQWDAAYFMEEALQARLKDTENAIENMVGPDWKKRWLYWKNRTQECCVHN
ETKNELEKMLKCNEEHPAYLASDEITVRKNLESRGVEVDPSLIKDTWHQVYRRHFLKTALNHCNL
CRRGFYYYQRHFVDSELECNDVVLFWRIQRMLAITANTLRQQLTNTTEVRRLEKNVKEVLEDFEAD
GEKKIKLLTGKRVQLAEDLKKVREIQEKLDAFIEALHQEK

Host

Rabbit

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.

Applications

• Western Blot (Tissue lysate)

OPA1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OPA1 expression in human colon.

[Protocol Download](#)

• Western Blot (Transfected lysate)

Western Blot analysis of OPA1 expression in transfected 293T cell line ([H00004976-T01](#)) by OPA1 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — OPA1

Entrez GeneID

[4976](#)

GeneBank Accession#	NM_015560
Protein Accession#	NP_056375.1
Gene Name	OPA1
Gene Alias	FLJ12460, KIAA0567, MGM1, NPG, NTG, largeG
Gene Description	optic atrophy 1 (autosomal dominant)
Omim ID	125250 165500 605290 606657
Gene Ontology	Hyperlink
Gene Summary	This gene product is a nuclear-encoded mitochondrial protein with similarity to dynamin-related GTPases. It is a component of the mitochondrial network. Mutations in this gene have been associated with optic atrophy type 1, which is a dominantly inherited optic neuropathy resulting in progressive loss of visual acuity, leading in many cases to legal blindness. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000195065 mitochondrial dynamin-like GTPase optic atrophy 1

Disease

- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Leber hereditary optic neuropathy](#)
- [Low Tension Glaucoma](#)
- [Ocular Hypertension](#)
- [Optic Atrophies](#)
- [Optic Atrophy](#)