

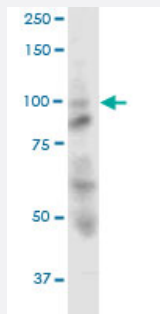
MaxPab®

OPA1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004976-B01P

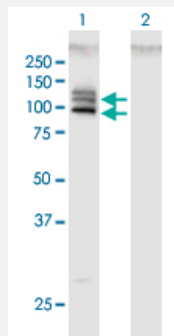
Size 50 ug

Applications



Western Blot (Cell lysate)

OPA1 MaxPab polyclonal antibody. Western Blot analysis of OPA1 expression in K-562.



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(105.6 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

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

Sequence

MWRLRRAAVACEVCQSLVKHSSGIGSLPLQKLHLVSRSIYHSHHPTLKLQRPQLRTSFQQFSSL
TNLPLRKLKFSPIKYGYQPRNFWPARLATRLLKRLYLILGSAVGGGYTAKKTFDQWKDMIPDLSEY
KWMPDIVWEIDEYIDFEKIRKALPSSSEDLVKLAPDFDKIVESLSLLKDDFTSGSPEETAFRATDRG
SESDKHFRKVSDEKIDQLQEELLHTQLKYQRILERLEKENKELRKLVLQKDDKGIHHRKLKSLID
MYSEVLVDLSYDASYNTQDHLPRVVVGDDQSAGKTSVLEMAQARIFPRGSGEMMTRSPVKVT
LSEGGPHHALFKDSSREFDLTKEEDLAALRHEIELMRKNVKEGCTVSPETISLNVKGPGQLQRMV
LVDLPGVINTVTSGMAPDTKETIFSISKAYMQNPNAIILCIQDGSVDAERSVTDLVSQMDPHGRRTIF
VLTKVDLAEKNVASPSRIQQIIIEGKLFPMKALGYFAVVTGKGNSSIESIAIREYEEFFQNSKLLKTS
MLKAHQVTTRNLSLAVSDCFWKMMVRESVEQQADSFKATRFNLETWKNKNYPRLRELDNLFELFE
KAKNEILDEVISLSQVTPKHWEELQQSLWERVSTHVIENYLPAAQTMNSGTFTNTVDIKLKQWTD
KQLPNKAVEVAWETLQEEFSRFMTPEPKGEHDDIFDKLKEAVKEESIKRHKWNDFAEDSLRVIQ
HNALEDRSISDKQQWDAAYFMEEALQARLKD TENAIENMVGPDWKKRWLYWKNRTQECCVHN
ETKNELEKMLKCNEEHPAYLASDEITVRKNLESRGVEVDPSLIKDTWHQVYRRHFLKTALNHCNL
CRRGFYYYQRHFVDSELECNDVVLFWRIQRMLAITANTLRQQLTNTTEVRRLEKNVKEVLEDFEAD
GEKKIKLLTGKRVQLAEDLKKVREIQEKLD AFIEALHQEK

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.

Applications

• Western Blot (Cell lysate)

OPA1 MaxPab polyclonal antibody. Western Blot analysis of OPA1 expression in K-562.

[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
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](#)