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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OPA1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00004976-B01P

規格 : [50 ug]

[List All](#)

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:
 MWRLRRAAVACEVCQSLVKHSSGIKGSPLQKLHLVSRSIYHSHHPTLKL
 QRPQLRTSFQQFSSLTNLPLRKLKFSPIKYGYQPRRNFWPARLATRLLK
 LRYLILGSAVGGGYTAKKTFDQWKDMIPDLSEYKWVWPDIVWEIDYIDFE
 KIRKALPSSDLVKLAPDFDKIVESLSLLKDFFTSGSPEETAFRATDRGSE
 SDKHFRKVS DKEIDQLQEELLHTQLKYQRILERLEKENKELRKLVLQKD
 DKGIHHRKLLKSLIDMYSEVLDVLSDYDASYNTQDHLPRVVVGDQSAGK
 TSVLEMAQARIFPRGSGEMMTRSPVKVLTSEGPHHVALFKDSSREFDLT
 KEEDLAALRHEIELRMRKNVKEGCTVSPETISLNVKGPGLQRMVLDLPG
 VINTVTSGMAPDTKETIFSISKAYMQNPNAIILCIQDGSVDAERSIVTDLVSQ
 MDPHGRRTIFVLTkVDLAEKNVASPSRIQQIIEGKLFPMKALGYFAVVTGK
 GNSSIESIAIREYEEFFQNSKLLKTSMLKAHQVTRNLSLAVSDCFWKM
 VRESVEQQADSFKATRFNLETWKNNYPRLRELDNELFEKAKNEILDE
 VISLSQVTPKHWEELQQSLWERVSTHVIENIYLPAAQTMNSGTFNTTVDI
 KLKQWTDKQLPNKAVEVAWETLQEEF SRFMTEPKGKEHDDIFDKLKEAV
 KEESIKRHKWINDFAEDSLRVIQHNALEDRSISDKQQWDAAYFMEEALQA
 RLKDTENAIENMVGPDWKKRWLYWKNRTQEQC VHNETKNELEKMLKCN
 EEHPAYLASDEITVRKNLESRGVEVDPSLIKDTWHQVYRRHFLKTALNH
 CNLCRRGFYYYQRHFV DSELECNDVLFWRIQRMLAITANTLRQQLTNT
 EVRRLEKNVKEVLEDAEDGEKKIKLLTGKRVQLAEDLKKVREIQEKLDA
 FIEALHQEK

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.

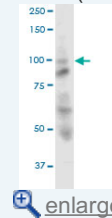
Datasheet:  [Download](#)

Applications

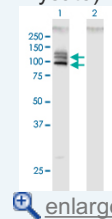
Western Blot (Cell lysate)

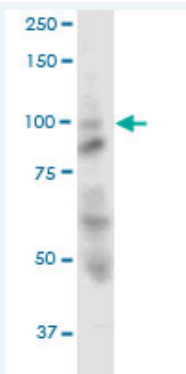
Application Image

Western Blot (Cell lysate)



Western Blot (Transfected lysate)

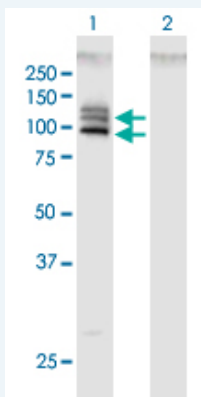




OPA1 MaxPab polyclonal antibody. Western Blot analysis of OPA1 expression in K-562.

 [Protocol Download](#)

Western Blot (Transfected lysate)



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

Lane 1: OPA1 transfected lysate(105.6 kDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4976](#)

GeneBank [NM_015560](#)

Accession#:

Protein [NP_056375](#)

Accession#:

Gene Name: OPA1

Gene Alias: FLJ12460, KIAA0567, MGM1, NPG, NTG, largeG

Gene Description: optic atrophy 1 (autosomal dominant)

Description:

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 OTTHUMP00000195065,mitochondrial dynamin-like GTPase,optic
Designations: atrophy 1

Related Disease

Genetic Predisposition to Disease Glaucoma Glaucoma Glaucoma, Open-Angle
Leber hereditary optic neuropathy Low Tension Glaucoma Ocular Hypertension
Optic Atrophies, Hereditary Optic Atrophy Optic Atrophy, Autosomal Dominant
Optic Atrophy, Hereditary, Leber

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