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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

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OPA1 polyclonal antibody (A01)

Catalog # : H00004976-A01 **規格 :** [50 uL]

List All

Specification

Product Description:	Mouse polyclonal antibody raised against a partial recombinant OPA1.
Immunogen:	OPA1 (NP_056375, 851 a.a. ~ 960 a.a) partial recombinant protein with GST tag.
Sequence:	NHCNLCRRGFYYYQRHFVDSELECNDVVLFWRIQRMLAITANTLRQQLT NTEVRRLEKNVKEVLEDFAEDGEKKIKLLTGKRVQLAEDLKKVREIQEKL DAFIEALHQEK
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	50 % glycerol
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Publication Reference

1. The Molecular Mechanisms of OPA1-Mediated Optic Atrophy in Drosophila Model and Prospects for Antioxidant Treatment.
   Yarosh W, Monserrate J, Tong JJ, Tse S, Le PK, Nguyen K, Brachmann CB, Wallace DC, Huang T.PLoS Genet. 2008 Jan;4(1):e6.

Applications

ELISA

Gene Information

Entrez GeneID:	4976
GeneBank Accession#:	NM_015560
Protein Accession#:	NP_056375
Gene Name:	OPA1
Gene Alias:	FLJ12460,KIAA0567,MGM1,NPG,NTG,largeG
Gene	optic atrophy 1 (autosomal dominant)

Application Image

ELISA

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 Designations: OTTHUMP00000195065,mitochondrial dynamin-like GTPase,optic 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