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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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Product Number	ARP57715_P050-HRP
Product Page	www.avivasysbio.com/opa1-antibody-n-terminal-region-hrp-arp57715-p050-hrp.html
Name	OPA1 Antibody - N-terminal region : HRP (ARP57715_P050-HRP)
Protein Size (# AA)	924 amino acids
Molecular Weight	102kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	4976
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Optic atrophy 1 (autosomal dominant)
Alias Symbols	NPG, NTG, MGM1, BERHS, largeG, MTDPS14
Peptide Sequence	Synthetic peptide located within the following region: SPEETAFRATDRGSESDKHFRKVSDKEKIDQLQEELLHTQLKYQRILERL
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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.
Protein Interactions	UBC; PARK2; MYC; HSP90AA5P; NIT2; HTRA2; NPTX1; NDUFS8; NDUFS1; NDUFA9; ILF3; HADHB; ECH1; DNASE2; APP; SMAD3; SMAD2; CAND1; CUL3; ELAVL1; MME;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-OPA1 (ARP57715_P050-HRP) antibody
Blocking Peptide	For anti-OPA1 (ARP57715_P050-HRP) antibody is Catalog# AAP57715
Uniprot ID	E5KLLK2
Protein Name	Mitochondrial dynamin-like 120 kDa protein EMBL ADP90061.1
Protein Accession #	NP_570844
Purification	Affinity Purified
Nucleotide Accession #	NM_130831
Gene Symbol	OPA1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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