

## OPA1 Conjugated Antibody

Catalog No: #C49680



Package Size: #C49680-AF350 100ul #C49680-AF405 100ul #C49680-AF488 100ul  
 #C49680-AF555 100ul #C49680-AF594 100ul #C49680-AF647 100ul  
 #C49680-AF680 100ul #C49680-AF750 100ul #C49680-Biotin 100ul

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## Description

Product Name	OPA1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Dynamin like 120 kDa protein antibody Dynamin like 120 kDa protein, mitochondrial antibody Dynamin-like 120 kDa protein, form S1 antibody FLJ12460 antibody Juvenile kjer type optic atrophy antibody KIAA0567 antibody KJER type antibody Large GTP binding protein antibody largeG antibody MGM1 antibody Mitochondrial dynamin like 120 kDa protein antibody Mitochondrial dynamin like GTPase antibody NPG antibody NTG antibody OAK antibody OPA 1 antibody opa1 antibody OPA1 gene antibody OPA1_HUMAN antibody Optic atrophy 1 (autosomal dominant) antibody OPTIC ATROPHY 1 antibody Optic atrophy 1 gene protein antibody Optic atrophy 1 homolog (human) antibody Optic atrophy protein 1 antibody Optic atrophy protein 1 homolog antibody
Accession No.	Swiss-Prot#:O60313
Uniprot	O60313
GeneID	4976;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	85 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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OPA1 is a cause of optic atrophy type 1. OPA1 is mostly expressed in the mitochondrial biogenesis. OPA1 is a cause of optic atrophy type 1. OPA1 is mostly expressed In retina but can also be expressed in brain, testis, heart and skeletal muscles.

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Note: This product is for in vitro research use only