

OPA1 Antibody FITC Conjugated

Catalog No: #C01469F

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Description

Product Name	OPA1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 680-725 960 derived from human OPA1
Conjugates	FITC
Target Name	OPA1
Other Names	SP17; NYD-SP17; Coiled-coil domain-containing protein 54; Testis development protein NYD-SP17; CCDC54
Accession No.	Swiss-Prot#Q8NEL0NCBI Gene ID84692
Uniprot	Q8NEL0
GeneID	84692;
Excitation Emission	494nm 518nm
Cell Localization	Mitochondrion
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

OPA1 is a 120kDa protein belonging to the dynamin family. The OPA1 gene has been localized to 3q29. The gene is targeted to mitochondria and is involved in mitochondrial biogenesis. Defects in OPA1 are a cause of optic atrophy type 1. OPA1 is mostly expressed in retina but can also be expressed in brain, testis, heart and skeletal muscle.

Note: This product is for in vitro research use only