



[Go to Product page](#)

Datasheet for ABIN6977859

anti-OPA3 antibody (AA 1-100) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	OPA3
Binding Specificity:	AA 1-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OPA3 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OPA3
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Dog,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	OPA3
Alternative Name:	OPA3 (OPA3 Products)

Target Details

Background: Synonyms: FLJ22187, FLJ25932, Iraqi Jewish optic atrophy plus (3 methylglutaconicaciduria type 3), MGA3, MGC75494, OPA 3, OPA3 protein, Optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia), Optic atrophy 3 (Iraqi Jewish 'optic atrophy plus'), Optic atrophy 3, Optic atrophy 3 protein.

Background: OPA3 may play some role in mitochondrial processes. Defects in OPA3 are the cause of 3-methylglutaconic aciduria type 3 (MGA3), also known as optic atrophy plus syndrome, and of optic atrophy type 3 (OPA3), also known as autosomal dominant optic atrophy and cataract (ADOAC).

Gene ID: 80207

UniProt: [Q9H6K4](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months