

Datasheet for ABIN5008019

anti-OPA1 antibody (AA 651-750) (AbBy Fluor® 680)[Go to Product page](#)

Overview

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| Quantity: | 100 µL |
| Target: | OPA1 |
| Binding Specificity: | AA 651-750 |
| Reactivity: | Human, Mouse, Rat, Chicken, Rabbit |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OPA1 antibody is conjugated to AbBy Fluor® 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human OPA1 |
| Isotype: | IgG |
| Cross-Reactivity: | Chicken, Human, Mouse, Rabbit, Rat |
| Predicted Reactivity: | Dog,Cow,Sheep,Pig,Horse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | OPA1 |
| Alternative Name: | OPA1 (OPA1 Products) |

Target Details

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| Background: | Synonyms: SP17, NYD-SP17, Coiled-coil domain-containing protein 54, Testis development protein NYD-SP17, CCDC54 Background: OPA1 is a 120 kDa 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. |
| Gene ID: | 84692 |
| UniProt: | Q8NEL0 |
| Pathways: | Tube Formation |

Application Details

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| 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

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|--------------------|--|
| 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 |