

Datasheet for ABIN5006818

**anti-MFN1 antibody (AA 651-741) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Quantity:            | 100 µL                                              |
| Target:              | MFN1                                                |
| Binding Specificity: | AA 651-741                                          |
| Reactivity:          | Mouse, Rat, Rabbit, Chicken                         |
| Host:                | Rabbit                                              |
| Clonality:           | Polyclonal                                          |
| Conjugate:           | This MFN1 antibody is conjugated to AbBy Fluor® 680 |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS)        |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Mfn 1 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Chicken, Mouse, Rabbit, Rat                               |
| Predicted Reactivity: | Human, Horse                                              |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Target:           | MFN1                                                                              |
| Alternative Name: | Mfn1 ( <a href="#">MFN1 Products</a> )                                            |
| Background:       | Synonyms: hfzo1, hfzo2, Mitofusin-1, Fzo homolog, Transmembrane GTPase MFN1, MFN1 |

## Target Details

Background: Essential transmembrane GTPase, which mediates mitochondrial fusion. Fusion of mitochondria occurs in many cell types and constitutes an important step in mitochondria morphology, which is balanced between fusion and fission. MFN1 acts independently of the cytoskeleton. Overexpression induces the formation of mitochondrial networks.

Gene ID: 55669

UniProt: [Q8IWA4](#)

## Application Details

Application Notes: FCM 1:20-100

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