

## Datasheet for ABIN7114245 **anti-Fission 1 antibody**



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### Overview

Quantity:	100 µg
Target:	Fission 1 (FIS1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fission 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

### Product Details

Immunogen:	fission 1(mitochondrial outer membrane) homolog
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	Fission 1 (FIS1)
Alternative Name:	FIS1 ( <a href="#">FIS1 Products</a> )
Background:	Synonyms: CGI 135, FIS1, FIS1 homolog, hFis1, TPR repeat protein 11, TTC11 Background: Involved in the fragmentation of the mitochondrial network and its perinuclear clustering. Plays a minor role in the recruitment and association of the fission mediator

## Target Details

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dynamin-related protein 1(DNM1L) to the mitochondrial surface and mitochondrial fission. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission.

Molecular Weight: 17 kDa

Gene ID: 51024

UniProt: [Q9Y3D6](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

## Application Details

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Application Notes: WB: 1:1000-1:3000, IHC: 1:10-1:100, IF: 1:50-1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months