

Datasheet for ABIN7468337 **anti-Fission 1 antibody**



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Overview

Quantity:	100 µL
Target:	Fission 1 (FIS1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Fission 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Full length human FIS1 Recombinant protein.
Clone:	GT4211
Isotype:	IgG2b
Cross-Reactivity:	Human, Rat
Purification:	Affinity purified by Protein A.
Grade:	KO Validated

Target Details

Target:	Fission 1 (FIS1)
Alternative Name:	fission, mitochondrial 1 (FIS1 Products)
Background:	Synonyms: fission, mitochondrial 1 , CGI-135 , TTC11

Target Details

	Background: The balance between fission and fusion regulates the morphology of mitochondria. TTC11 is a component of a mitochondrial complex that promotes mitochondrial fission (James et al., 2003 [PubMed 12783892]).[supplied by OMIM]
Molecular Weight:	17 kDa
Gene ID:	51024
UniProt:	Q9Y3D6
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2 Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.95 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.