

For Research Use Only

CoraLite® Plus 488-conjugated FIS1 Polyclonal antibody



Catalog Number: CL488-10956

Featured Product

Basic Information

Catalog Number: CL488-10956	GenBank Accession Number: BC009428	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51024	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae)	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG1	Calculated MW: 17 kDa	
Immunogen Catalog Number: AG1409	Observed MW: 17 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HepG2 cells,
Species Specificity: human, mouse, rat, pig	

Background Information

Fis1 (fission 1) is an integral mitochondrial outer membrane protein that participates in mitochondrial fission by interacting with dynamin-related protein 1 (Drp1). Excessive mitochondrial fission is associated with the pathology of a number of neurodegenerative or neurodevelopmental diseases. Increased expression of Fis1 has been found in Huntington's disease (HD)-affected brain, Alzheimer's disease (AD) patients, and autism spectrum disorder. This antibody was raised against the full-length of human Fis1 protein, and recognizes endogenous Fis1 protein in various lysates. (PMID: 21257639, 21459773, 23333625)

Storage

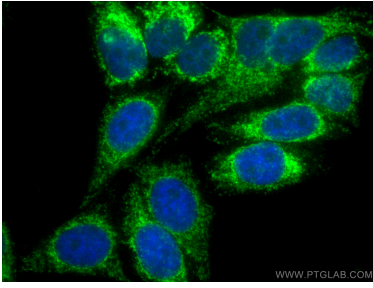
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 FIS1 antibody (CL488-10956) at dilution of 1:200.