

DNAJC19 Polyclonal Antibody

Catalog number: 12096-1-AP

Size: 22 µg/150 µl

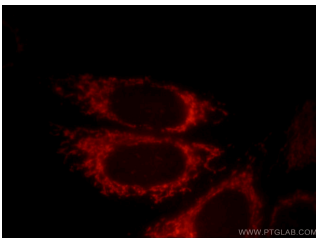
Source: Rabbit

Isotype: IgG

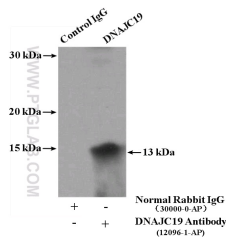
Synonyms:

DNAJC19; DNAJC19, TIM14,

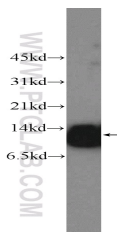
TIMM14



Immunofluorescent analysis of HepG2 cells, using DNAJC19 antibody 12096-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-DNAJC19 (IP:12096-1-AP, 4µg; Detection:12096-1-AP 1:1000) with mouse heart tissue lysate 4000µg.



HeLa cells were subjected to SDS PAGE followed by western blot with 12096-1-AP (DNAJC19 Antibody) at dilution of 1:1000

Background

DNAJC19 is a mitochondrial cochaperone that interacts with HSP70 chaperones through its conserved J-domain. As a transmembrane protein, DNAJC19 is strongly associated with the inner mitochondrial membrane. Mutations in DNAJC19 cause dilated cardiomyopathy with ataxia (DCMA). Recently DNAJC19 has been reported as interactor of PHB complex to regulate cardiolipin remodeling, which addressed the link of DNAJC19 to cardiomyopathy. This antibody is specific to DNAJC19 and had been tested by siRNA.(24856930)

Applications

Tested applications:	ELISA, IF, WB, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated DNAJC19 MW:	116aa, 13 kDa
Observed DNAJC19 MW:	13 kDa
Positive WB detected in	HeLa cells, human brain tissue, human lung tissue
Positive IP detected in	Mouse heart tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2739
GenBank accession number:	BC009702
Gene ID (NCBI):	131118
Full name:	DnaJ (Hsp40) homolog, subfamily C, member 19

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.