ARG41019
anti-DNAJC19 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DNAJC19
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DNAJC19
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-116 of Human DNAJC19 (NP_660304.1).
Conjugation	Un-conjugated
Alternate Names	TIM14; TIMM14; PAM18; Mitochondrial import inner membrane translocase subunit TIM14; DnaJ homolog subfamily C member 19

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:200
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	HT1080
Observed Size	12 kDa

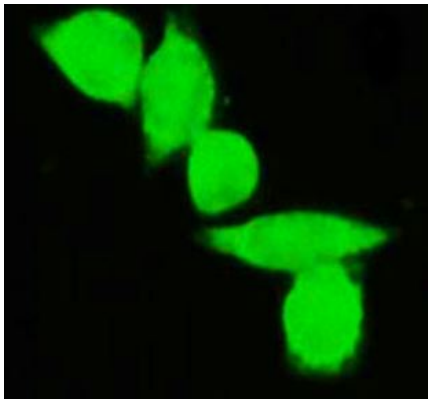
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

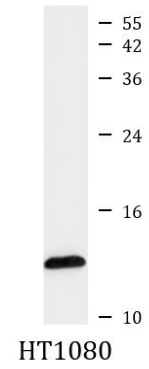
Gene Symbol	DNAJC19
Gene Full Name	DnaJ (Hsp40) homolog, subfamily C, member 19
Background	The protein encoded by this gene is thought to be part of a complex involved in the ATP-dependent transport of transit peptide-containing proteins from the inner cell membrane to the mitochondrial matrix. Defects in this gene are a cause of 3-methylglutaconic aciduria type 5 (MGA5), also known as dilated cardiomyopathy with ataxia (DCMA). Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1, 2, 6, 10, 14 and 19. [provided by RefSeq, Jan 2012]
Function	Probable component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. May act as a co-chaperone that stimulate the ATP-dependent activity (By similarity). [UniProt]
Calculated Mw	12 kDa
Cellular Localization	Mitochondrion inner membrane; Single-pass membrane protein. [UniProt]

Images



ARG41019 anti-DNAJC19 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG41019 anti-DNAJC19 antibody at 1:100 dilution.



ARG41019 anti-DNAJC19 antibody WB image

Western blot: 25 µg of HT1080 cell lysate stained with ARG41019 anti-DNAJC19 antibody at 1:3000 dilution through one-step method.