Datasheet for ABIN1714975

anti-NDUFAF7 antibody (AA 101-200)

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Overview

Quantity:	100 µL
Target:	NDUFAF7
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFAF7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C2orf56
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NDUFAF7
Alternative Name:	C2orf56 (NDUFAF7 Products)

Target Details

Background:	Synonyms: C2orf56, Chromosome 2 open reading frame 56, MidA, MIDA_HUMAN, mitochondrial, Mitochondrial dysfunction protein A homolog, OTTHUMP00000158583, OTTHUMP00000201359, OTTHUMP00000201362, PRO1853, Protein midA homolog, Protein midA homolog, mitochondrial. Background: C12orf56 (chromosome 12 open reading frame 56), also known as PRO1853 or protein midA homolog, is a 441 amino acid mitochondrial protein that belongs to the midA family. Existing as two alternatively spliced isoforms, C12orf56 is encoded by a gene that maps to human chromosome 2p22.2. As the second largest human chromosome, chromosome 2 makes up approximately 8 % of the human genome and contains 237 million bases encoding over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin icthyosis, a rare skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome, is related to mutations in the ALMS1 gene. Chromosome 2 contains a probable vestigial second centromere as well as vestigial telomeres, which gives credence to the hypothesis that human chromosome 2 formed as a result of an ancient fusion of two ancestral chromosomes, which are still present in modern day apes.
Gene ID:	55471

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months