10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NDUFAF5 Rabbit pAb

Catalog # AP53641

Product Information

Primary Accession	Q5TEU4
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	38918

Additional Information

Gene ID	79133
Other Names	C20orf7; dJ842G6.1; bA526K24.2
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

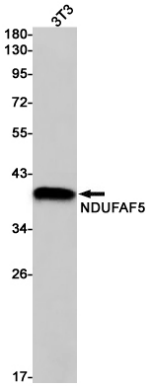
Name	NDUFAF5 (HGNC:15899)
Function	Arginine hydroxylase that mediates hydroxylation of 'Arg-111' of NDUFS7 and is involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I, MT-ND1) at early stages (PubMed:18940309, PubMed:27226634). May also have methyltransferase activity (Probable).
Cellular Location	Mitochondrion inner membrane. Note=Peripherally localized on the matrix face of the mitochondrial inner membrane

Background

Swiss-Prot Acc.Q5TEU4.Arginine hydroxylase involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I, MT-ND1) at early stages (PubMed:18940309, PubMed:27226634). Acts by mediating hydroxylation of 'Arg-111' of NDUFS7 (PubMed:27226634). May also have methyltransferase activity (Probable).

Images

Western blot detection of NDUFAF5 in 3T3 cell lysates using NDUFAF5 Rabbit pAb(1:1000 diluted).Predicted band size:39kDa.Observed band size:39kDa.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.