

NDUFAF5 Rabbit mAb

Catalog # AP75780

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	Q5TEU4
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	38918

Additional Information

Gene ID	79133
Other Names	NDUFAF5
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:100-1:200 IP~~1:50-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

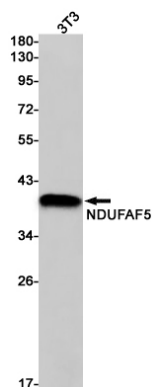
Name	NDUFAF5 (HGNC:15899)
Function	Arginine hydroxylase that mediates hydroxylation of 'Arg-111' of NDUF57 and is involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I, MT-ND1) at early stages (PubMed: 18940309 , PubMed: 27226634). May also have methyltransferase activity (Probable).
Cellular Location	Mitochondrion inner membrane. Note=Peripherally localized on the matrix face of the mitochondrial inner membrane

Background

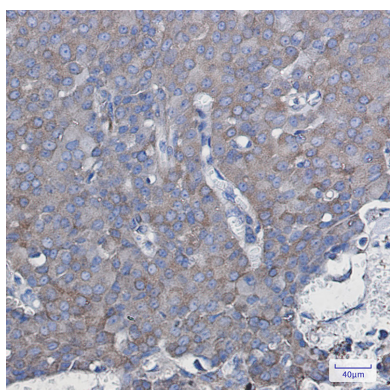
Arginine hydroxylase involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I, MT-ND1) at early stages (PubMed:18940309, PubMed:27226634). Acts by mediating

hydroxylation of 'Arg-111' of NDUFS7 (PubMed:27226634). May also have methyltransferase activity (Probable).

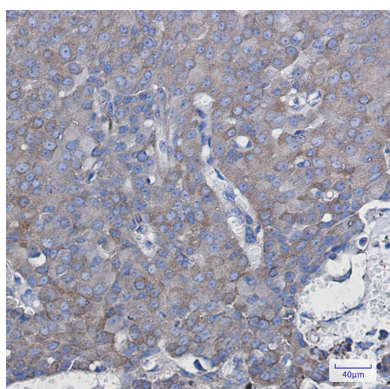
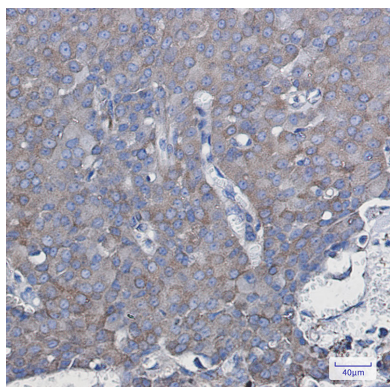
Images

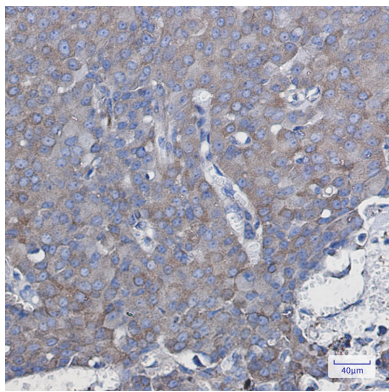


Western blot analysis of NDUFAF5 in 3T3 lysates using NDUFAF5 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using NDUFAF5 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.





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