

Recombinant Anti-NDUFAF1 Rabbit mAb

Catalog # AP95325

Product Information

Application	WB, IHC, FC, IP, IF/IC
Primary Accession	Q9Y375
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	37764

Additional Information

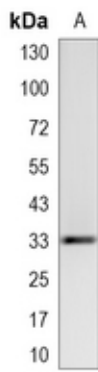
Gene ID	51103
Other Names	CIA30; Complex I intermediate-associated protein 30, mitochondrial; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human NDUFAF1 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

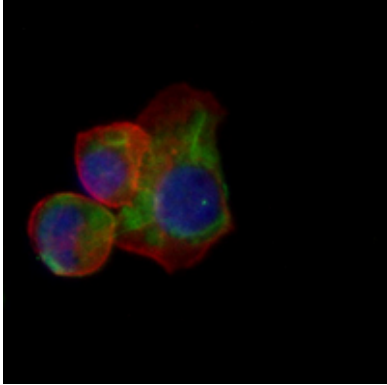
Name	NDUFAF1 (HGNC:18828)
Synonyms	CIA30
Function	As part of the MCIA complex, involved in the assembly of the mitochondrial complex I.
Cellular Location	Mitochondrion. Mitochondrion matrix. Note=Peripherally associated with the matrix face of the mitochondrial inner membrane
Tissue Location	Ubiquitous..

Images

Western blot analysis of NDUFAF1 expression in HEK293T



(A) whole cell lysates. (Predicted band size: 38 kD;
Observed band size: 33 kD)



Immunofluorescent analysis of NDUFAF1 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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