

NDUFAF1 Antibody

Catalog No: #36637

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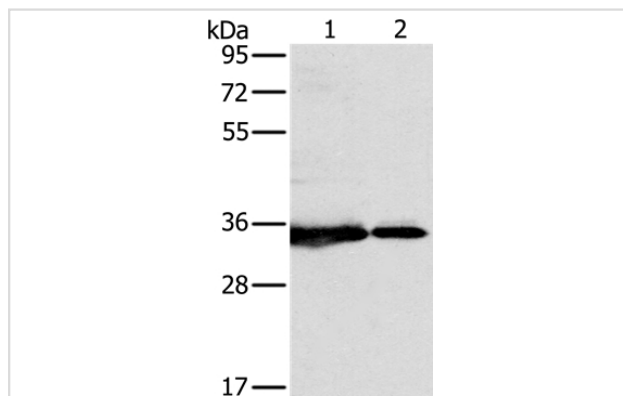
Description

Product Name	NDUFAF1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NDUFAF1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human NADH dehydrogenase (ubiquinone) complex I, assembly factor 1
Target Name	NDUFAF1
Other Names	CGI65; CIA30; CGI-65
Accession No.	Swiss-Prot#: Q9Y375NCBI Gene ID: 51103Gene Accssion: BC000780/Q9Y375
Uniprot	Q9Y375
GeneID	51103;
SDS-PAGE MW	38kd
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): 231 and Jurkat cell
Amount of lysate: 40ug per lane
Primary antibody: 1/500 dilution
Secondary antibody dilution: 1/8000
Exposure time: 20 seconds

Background

This gene encodes a complex I assembly factor protein. Complex I (NADH-ubiquinone oxidoreductase) catalyzes the transfer of electrons from NADH

to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. The encoded protein is required for assembly of complex I, and mutations in this gene are a cause of mitochondrial complex I deficiency. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 19.?

Note: This product is for in vitro research use only