

## ARG65570 anti-NDUFAF1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFAF1
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFAF1
Species	Human
Immunogen	Fusion protein of human NDUFAF1
Conjugation	Un-conjugated
Alternate Names	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 1; Complex I intermediate-associated protein 30, mitochondrial; CGI-65; CGI65; CIA30

### Application Instructions

Application table	Application	Dilution
	WB	500-2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	231 and Jurkat cell	

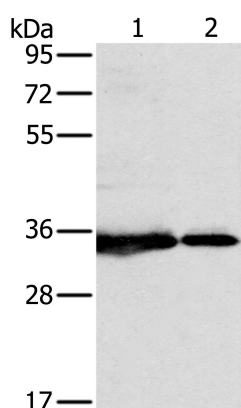
### Properties

Form	Liquid
Purification	Purified by antigen-affinity chromatography.
Buffer	1XPBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 51103 Human</a> <a href="#">Swiss-port # Q9Y375 Human</a>
Gene Symbol	NDUFAF1
Gene Full Name	NADH dehydrogenase (ubiquinone) complex I, assembly factor 1
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.
Function	Chaperone protein involved in the assembly of the mitochondrial NADH:ubiquinone oxidoreductase complex (complex I). [UniProt]
Highlight	Related products: <a href="#">Anti-Rabbit IgG secondary antibodies:</a> Related poster download: <a href="#">The Structure &amp; Functions of Mitochondria.pdf</a>
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	38 kDa

## Images



ARG65570 anti-NDUFAF1 antibody WB image

Western blot: 40 µg of 1) 231 and 2) Jurkat cell lysates stained with ARG65570 anti-NDUFAF1 antibody at 1:500 dilution. Exposure time: 20 seconds.