

## ARG56349 anti-NFU1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NFU1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NFU1
Species	Human
Immunogen	Recombinant protein of Human NFU1
Conjugation	Un-conjugated
Alternate Names	MMDS1; CGI-33; NFU1 iron-sulfur cluster scaffold homolog, mitochondrial; HIRIP; NIFUC; Nfu; HIRA-interacting protein 5; HIRIP5; NifU

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	THP-1	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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 [GeneID: 27247 Human](#)  
[GeneID: 56748 Mouse](#)  
[Swiss-port # Q9QZ23 Mouse](#)  
[Swiss-port # Q9UMS0 Human](#)

Gene Symbol NFU1  
Gene Full Name NFU1 iron-sulfur cluster scaffold

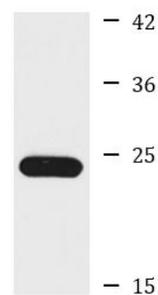
Background This gene encodes a protein that is localized to mitochondria and plays a critical role in iron-sulfur cluster biogenesis. The encoded protein assembles and transfers 4Fe-4S clusters to target apoproteins including succinate dehydrogenase and lipoic acid synthase. Mutations in this gene are a cause of multiple mitochondrial dysfunctions syndrome-1, and pseudogenes of this gene are located on the short arms of chromosomes 1 and 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Function Iron-sulfur cluster scaffold protein which can assemble [4Fe-2S] clusters and deliver them to target proteins. [UniProt]

Calculated Mw 28 kDa

## Images

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THP-1

ARG56349 anti-NFU1 antibody WB image

Western blot: THP-1 cell lysate stained with ARG56349 anti-NFU1 antibody.