

NFU1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 28kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human NFU1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

Nfu; NifU; HIRIP; MMDS1; NIFUC; CGI-33; HIRIP5;

Catalog #: A7097

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 27247

Isotype: IgG

Swiss Prot: Q9UMS0

Purity: Affinity purification

For research use only.

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.

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