For Research Use Only

MT-ND5 Polyclonal antibody

Catalog Number:31132-1-AP



Purification Method:

IF/ICC 1:200-1:800

Antigen affinity purification

Recommended Dilutions:

Basic Information

Catalog Number: 31132-1-AP

Size: 550 ug/ml

Source:

Rabbit

Isotype:

YP_003024036 GeneID (NCBI): 4540 UNIPROT ID: P03915

Full Name: NADH dehvdros

(complex I)
Calculated MW:
67 kDa

Full Name: NADH dehydrogenase, subunit 5

GenBank Accession Number:

Applications

Tested Applications: IF/ICC, ELISA Species Specificity: Positive Controls:

IF/ICC : HepG2 cells,

Background Information

ND5 belongs to the complex I subunit 1 family. ND5 is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Storage

Storage:

human

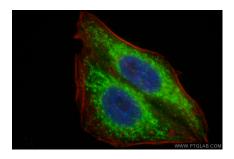
Store at -20°C. Stable for one year after shipment.

Storage Buffer

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ND5 antibody (31132-1-AP) at dilution of 1:400 and Coralite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).