



Recombinant

DGRmAb[®]

NDUFAF1 (DGR11514) Rabbit mAb (PBS Only)

db14329-PBS Package : 100μg

Product Name: NDUFAF1 (DGR11514) Rabbit mAb (PBS Only)

Cat.No.: db14329-PBS

Synonyms: CGI65; CIA30; CGI-65 **Application**: WB, IHC-P, ICC/IF, FC **Reactivity**: Human, Mouse, Rat

Host species: Rabbit

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. [provided by RefSeq, Dec 2011]

Immunogen A synthetic peptide of human NDUFAF1

Gene ID 51103

Swiss Prot Q9Y375

Synonyms CGl65; CIA30; CGl-65

Reactivity Human, Mouse, Rat

Application WB, IHC-P, ICC/IF, FC

Recommended dilution WB: 1:2000-1:20000

IHC-P: 1:100-1:200 ICC/IF: 1:100-1:500

FC: 1:100-1:200

Calculated MW 38 kDa

Observed MW 35 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR11514





Isotype IgG

Purity Affinity Purification

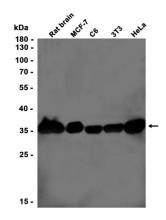
Conjugation Un-conjugated

Concentration 1 mg/ml

Formulation PBS Only

Storage Stability Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA

and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from MCF-7, C6, 3T3, HeLa cells and Rat brain tissue using db14329 at 1:1000.