

Recombinant

DGRmAb®

NDUFAF1 (DGR11514) Rabbit mAb

db14329

Package : 10µL 20µL 50µL 100µL

Product Name : NDUFAF1 (DGR11514) Rabbit mAb**Cat.No.:** db14329**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

CGI65; CIA30; CGI-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

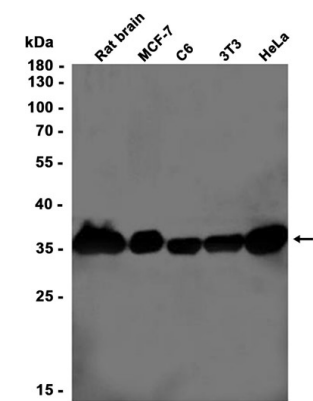
Clonality

Monoclonal

Clonality No.

DGR11514

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. 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.