

Recombinant

DGRmAb®

CAD (DGR19031) Rabbit mAb

db14574

Package : 10µL 20µL 50µL 100µL

Product Name : CAD (DGR19031) Rabbit mAb**Cat.No.:** db14574**Synonyms :** CDG1Z; GATD4; EIEE50**Application :** WB, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**Background**

The de novo synthesis of pyrimidine nucleotides is required for mammalian cells to proliferate. This gene encodes a trifunctional protein which is associated with the enzymatic activities of the first 3 enzymes in the 6-step pathway of pyrimidine biosynthesis: carbamoylphosphate synthetase (CPS II), aspartate transcarbamoylase, and dihydroorotase. This protein is regulated by the mitogen-activated protein kinase (MAPK) cascade, which indicates a direct link between activation of the MAPK cascade and de novo biosynthesis of pyrimidine nucleotides. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]

Immunogen

A synthetic peptide of human CAD

Gene ID

790

Swiss Prot

P27708

Synonyms

CDG1Z; GATD4; EIEE50

Reactivity

Human

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000

ICC/IF: 1:100-1:200

FC: 1:100

IP: 1:20-1:50

Calculated MW

243 kDa

Observed MW

243 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19031

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.
	<div><div></div>Western blot analysis of extracts from HeLa cells using db14574 at 1:1000.</div>
	<div><div></div>Western blot analysis of extracts from HepG2,T24,293T cells using db14574 at 1:1000.</div>