

Recombinant

DGRmAb®

COASY (DGR36070) Rabbit mAb

db16305

Package : 10µL 20µL 50µL 100µL

Product Name : COASY (DGR36070) Rabbit mAb**Cat.No.:** db16305**Synonyms :** NBP; DPCK; PPAT; UKR1; NBIA6; PCH12; pOV-2**Application :** WB, FC**Reactivity :** Human**Host species :** Rabbit**Background**

Coenzyme A (CoA) functions as a carrier of acetyl and acyl groups in cells and thus plays an important role in numerous synthetic and degradative metabolic pathways in all organisms. In eukaryotes, CoA and its derivatives are also involved in membrane trafficking and signal transduction. This gene encodes the bifunctional protein coenzyme A synthase (CoAsy) which carries out the last two steps in the biosynthesis of CoA from pantothenic acid (vitamin B5). The phosphopantetheine adenyltransferase domain of this bifunctional protein catalyzes the conversion of 4'-phosphopantetheine into dephospho-coenzyme A (dpCoA) while its dephospho-CoA kinase domain completes the final step by phosphorylating dpCoA to form CoA. Mutations in this gene are associated with neurodegeneration with brain iron accumulation (NBIA). Alternative splicing results in multiple isoforms. [provided by RefSeq, Apr 2014]

Immunogen

A synthetic peptide of Human COASY

Gene ID

80347

Swiss Prot

Q13057

Synonyms

NBP; DPCK; PPAT; UKR1; NBIA6; PCH12; pOV-2

Reactivity

Human

Application

WB, FC

Recommended dilution

WB: 1:1000-1:5000

FC: 1:50-1:200

Calculated MW

62 kDa

Observed MW

62 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR36070
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.