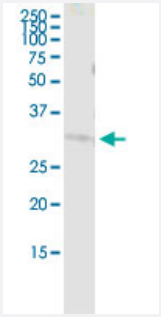
COASY (Human) IP-WB Antibody Pair

Catalog # H00080347-PW2 Size 1 Set

Applications



Immunoprecipitation of COASY transfected lysate using rabbit polyclonal anti-COASY and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-COASY.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Rat (85)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of COASY transfected lysate using rabbit polyclonal anti-COASY and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-COASY.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-COASY (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-COASY (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

  Protocol Download

Gene Info — COASY

Entrez GeneID	80347
Gene Name	COASY
Gene Alias	DPCK, FLJ35179, NBP, PPAT, UKR1, pOV-2
Gene Description	Coenzyme A synthase
Omim ID	609855
Gene Ontology	Hyperlink
Gene Summary	Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. COASY is a bifunctional enzyme that catalyzes the 2 last steps in CoA synthesis. These activities are performed by 2 separate enzymes, phosphopantetheine adenylyltransferase (PPAT; EC 2.7.7.3) and dephospho-CoA kinase (DPCK; EC 2.7.1.24), in prokaryotes (Daugherty et al., 2002 [PubMed 11923312]).[supplied by OMIM
Other Designations	bifunctional phosphopantetheine adenylyl transferase/dephospho CoA kinase|coenzyme A synthase|nucleotide binding protein|phosphopantetheine adenylyltransferase / dephosphocoenzyme A kinase

Pathway

- Metabolic pathways
- Pantothenate and CoA biosynthesis

Disease

- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease
- Urinary Bladder Neoplasms