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Datasheet for ABIN7451177
anti-COASY antibody (AA 225-275)

Overview

Quantity:	100 µg
Target:	COASY
Binding Specificity:	AA 225-275
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COASY antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-COASY Antibody, Affinity Purified
Immunogen:	Between AA 225 and 275
Isotype:	IgG
Predicted Reactivity:	Pig
Purification:	Affinity Purified

Target Details

Target:	COASY
Alternative Name:	COASY (COASY Products)
Background:	Background: Coenzyme A synthase (COASY) is a bifunctional enzyme that catalyzes the fourth

Target Details

and fifth sequential steps of CoA biosynthetic pathway. The fourth reaction is catalyzed by the phosphopantetheine adenylyltransferase, coded by the coaD domain, the fifth reaction is catalyzed by the dephospho-CoA kinase, coded by the coaE domain. COASY may act as a point of CoA biosynthesis regulation [taken from the Universal Protein Resource (UniProt) Q13057].

Gene ID: 80347

UniProt: [Q13057](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: Not recommended. ABIN7451177 has not performed satisfactorily when used for WB of COASY in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of COASY.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months