

Datasheet for ABIN7145558
anti-COASY antibody (AA 453-546)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	COASY
Binding Specificity:	AA 453-546
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COASY antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Bifunctional coenzyme A synthase protein (453-546AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	COASY
Alternative Name:	COASY (COASY Products)
Background:	Background: Bifunctional enzyme that catalyzes the fourth and fifth sequential steps of CoA biosynthetic pathway. The fourth reaction is catalyzed by the phosphopantetheine

Target Details

adenylyltransferase, coded by the coaD domain, the fifth reaction is catalyzed by the dephospho-CoA kinase, coded by the coaE domain. May act as a point of CoA biosynthesis regulation.

Aliases: Bifunctional coenzyme A synthase antibody, Bifunctional phosphopantetheine adenylyl transferase/dephospho CoA kinase antibody, CoA synthase antibody, COASY antibody, COASY_HUMAN antibody, Coenzyme A synthase antibody, Dephospho-CoA kinase antibody, Dephospho-CoA pyrophosphorylase antibody, Dephosphocoenzyme A kinase antibody, DPCK antibody, DPCOAK antibody, NBP antibody, Nucleotide binding protein antibody, Pantetheine-phosphate adenylyltransferase antibody, Phosphopantetheine adenylyltransferase / dephosphocoenzyme A kinase antibody, pOV 2 antibody, POV-2 antibody, POV2 antibody, PPAT antibody, UKR1 antibody

UniProt: [Q13057](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

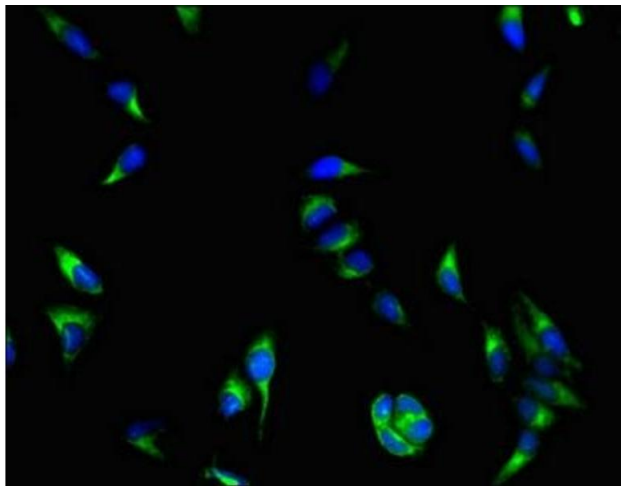
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

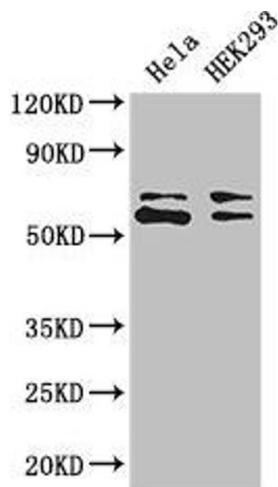
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7145558 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, HEK293 whole cell lysate All lanes: COASY antibody at 3.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 63, 66 kDa Observed band size: 63, 66 kDa