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Datasheet for ABIN566448  
**anti-COASY antibody (AA 1-225)**

5 Images

Overview

Quantity:	100 µg
Target:	COASY
Binding Specificity:	AA 1-225
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COASY antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant COASY.
Immunogen:	COASY (AAH06354, 1 a.a. ~ 225 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MLGNLLRPPY ERPELPTCLY VIGLTGISGS GKSSIAQLK GLGAFVIDSD HLGHRAYAPG GPAYQPVEA FGTDILHKDG IINRKVLGSR VFGNKKQLKI LTDIMWPIIA KLAREEMDRA VAEGKRVCVI DAAVLEAGW QNLVHEVWTA VIPETEAVRR IVERDGLSEA AAQSRLQSQM SGQQLVEQSH VVLSTLWEPH ITQRQVEKAW ALLQKRIPKT HQALD
Clone:	1H6
Isotype:	IgG1
Cross-Reactivity:	Human

## Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

Target: COASY

Alternative Name: COASY ([COASY Products](#))

Background: Full Gene Name: Coenzyme A synthase  
Synonyms: DPCK,FLJ35179,NBP,PPAT,UKR1,pOV-2

Gene ID: 80347

Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

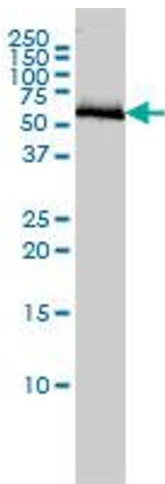
Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

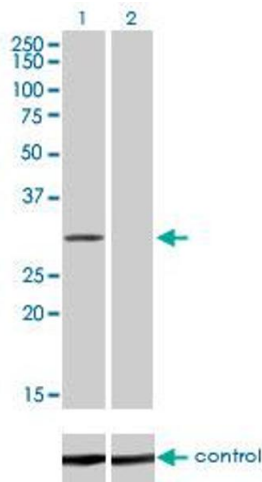
Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



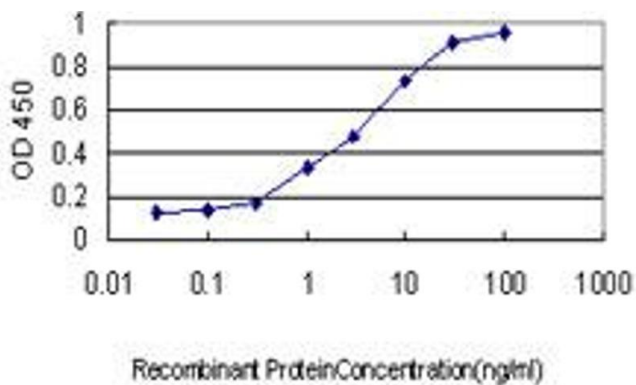
### Western Blotting

**Image 1.** COASY monoclonal antibody (M01), clone 1H6 Western Blot analysis of COASY expression in A-431 .



### Western Blotting

**Image 2.** Western blot analysis of COASY over-expressed 293 cell line, cotransfected with COASY Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with COASY monoclonal antibody (M01), clone 1H6. GAPDH ( 36.1 kDa ) used as specificity and loading control.



### ELISA

**Image 3.** Detection limit for recombinant GST tagged COASY is approximately 0.1ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN566448.