

Product datasheet for **TA331317**

COASY Rabbit Polyclonal Antibody

Product data:

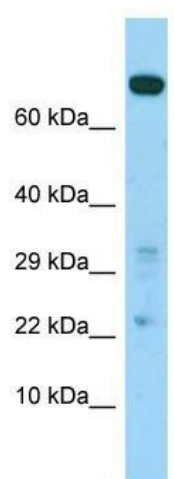
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-COASY antibody is: synthetic peptide directed towards the C-terminal region of Human COASY. Synthetic peptide located within the following region: ETYRGGMAINRFRENDLEELALYQIQLLKDLRHTENEEDKVSSSSFRQR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	Coenzyme A synthase
Database Link:	NP_001035997 Entrez Gene 80347 Human Q13057
Background:	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 and dephospho-CoA kinase, in prokaryotes.
Synonyms:	DPCK; NBIA6; NBP; pOV-2; PPAT; UKR1
Note:	Pig: 100%; Human: 100%; Rat: 92%; Horse: 92%; Mouse: 92%; Guinea pig: 92%; Bovine: 86%; Dog: 83%



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Protein Pathways: Metabolic pathways, Pantothenate and CoA biosynthesis

Product images:



WB Suggested Anti-COASY Antibody; Titration: 1.0 ug/ml; Positive Control: A549 Whole Cell