

Product datasheet for **AP50054PU-N**

ACOX2 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western blotting: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ACOX2
Specificity:	This antibody reacts to ACOX2.
Formulation:	PBS containing 0.09% (W/V) sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	acyl-CoA oxidase 2, branched chain
Database Link:	Entrez Gene 8309 Human Q99424
Background:	The product of this gene belongs to the acyl-CoA oxidase family. It encodes the branched-chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe mental retardation, and death in children.



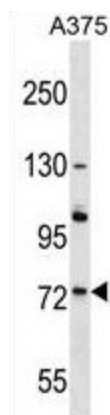
[View online »](#)

Synonyms: ACOX-2, Peroxisomal acyl-coenzyme A oxidase 2, EC=1.17.99.3, Trihydroxycoprostanoyl-CoA oxidase, THCA-CoA oxidase, THCCox

Note: **Molecular Weight:** 76827 Da

Protein Pathways: Metabolic pathways, PPAR signaling pathway, Primary bile acid biosynthesis

Product images:



ACOX2 Antibody (N-term) western blot analysis in A375 cell line lysates (35 ug/lane). This demonstrates the ACOX2 antibody detected the ACOX2 protein (arrow).