

ARG64162 anti-ACOX2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ACOX2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow
Tested Application	WB
Specificity	Please note this antibody was designed using the mouse sequence, which differs by 1 amino acids from the human sequence.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ACOX2
Species	Human
Immunogen	C-HQSRLRPSDPEAK
Conjugation	Un-conjugated
Alternate Names	3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase; THCCox; EC 1.17.99.3; 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase; BRCACOX; BRCOX; Trihydroxycoprostanoyl-CoA oxidase; Peroxisomal acyl-coenzyme A oxidase 2; THCA-CoA oxidase; BCOX

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

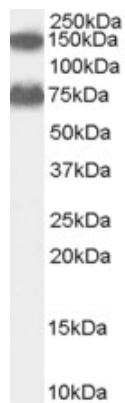
and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 8309 Human Swiss-port # Q99424 Human
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. [provided by RefSeq, Mar 2009]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	77 kDa

Images



ARG64162 anti-ACOX2 antibody WB image

Western Blot: Human Liver lysate (35 µg protein in RIPA buffer) stained with ARG64162 anti-ACOX2 antibody at 0.1 µg/ml dilution.