

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	
lsotype	lgG	
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

FormLiquidPurificationPurified from goat serum by antigen affinity chromatography.BufferTris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.Preservative0.02% Sodium azideStabilizer0.5% BSAConcentration0.5 mg/ml			
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Preservative 0.02% Sodium azide Stabilizer 0.5% BSA Concentration 0.5 mg/ml	Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.	
Stabilizer 0.5% BSA Concentration 0.5 mg/ml	Preservative	0.02% Sodium azide	
Concentration 0.5 mg/ml	Stabilizer	0.5% BSA	
	Concentration	0.5 mg/ml	
Storage instructionFor 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	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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa	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 $\mu g/ml$ dilution.
15kDa	
10kDa	