

Datasheet for ABIN5647683
anti-ACOX1 antibody (AA 7-37)



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1 Image

Overview

Quantity:	0.08 mL
Target:	ACOX1
Binding Specificity:	AA 7-37
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACOX1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 7-37 from the human protein was used as the immunogen for this ACOX1 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	ACOX1
Alternative Name:	ACOX1 / Peroxisomal acyl-coenzyme A oxidase 1 (ACOX1 Products)
Background:	ACOX1 is the first enzyme of the fatty acid beta-oxidation pathway, which catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It donates electrons directly to molecular oxygen, thereby producing hydrogen peroxide. Defects in this gene result in pseudoneonatal

Target Details

	adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids.
UniProt:	Q15067
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Monocarboxylic Acid Catabolic Process

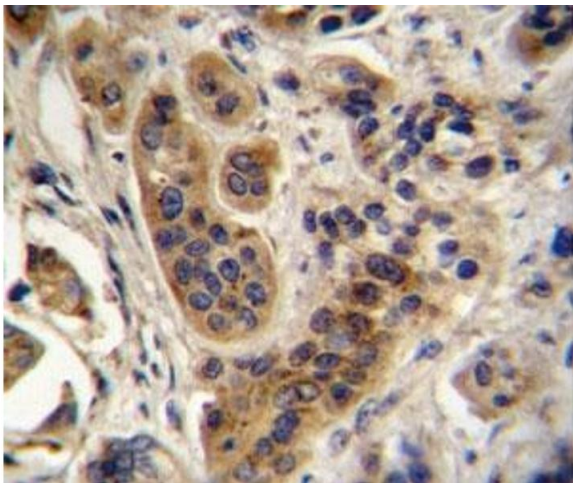
Application Details

Application Notes:	IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ACOX1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. ACOX1 antibody analysis in formalin fixed and paraffin embedded human bladder carcinoma.