# antibodies -online.com







# anti-Acox2 antibody





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Quantity:	100 μL
Target:	Acox2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acox2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

# **Product Details**

Immunogen:	Fusion protein of Human ACOX2	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse	
Purification:	Antigen affinity purification	

# **Target Details**

Target:	Acox2
Alternative Name:	ACOX2 (Acox2 Products)
Background:	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.

Aliases: 12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase antibody, 12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase antibody, 3 alpha 7 alpha 12 alpha trihydroxy 5 beta cholestanoyl CoA oxidase antibody, 3 alpha 7 alpha12 alpha trihydroxy 5 beta cholestanoyl CoA 24 hydroxylase antibody, 3-alpha antibody, 7-alpha antibody, ACOX 2 antibody, ACOX2 antibody, ACOX2\_HUMAN antibody, Acyl CoA oxidase 2 antibody, Acyl Coenzyme A oxidase 2 antibody, Acyl Coenzyme A oxidase 2 peroxisomal antibody, BCOX antibody, BRCACOX antibody, BRCOX antibody, Peroxisomal acyl-coenzyme A oxidase 2 antibody, Peroxisomal branched chain acyl CoA oxidase antibody, THCA CoA oxidase antibody, THCA-CoA oxidase antibody, Trihydroxycoprostanoyl CoA oxidase antibody, Trihydroxycoprostanoyl-CoA oxidase antibody

UniProt: Q99424

Pathways: Monocarboxylic Acid Catabolic Process

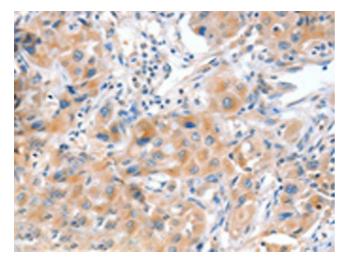
# **Application Details**

Application Notes: ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:25-1:100,

Restrictions: For Research Use only

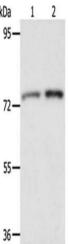
## Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



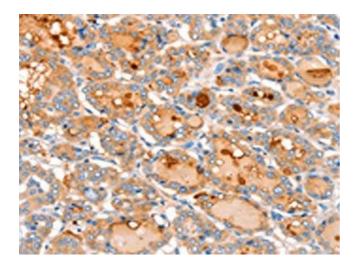
### **Immunohistochemistry**

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ABIN7128172(ACOX2 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x200)



### **Western Blotting**

**Image 2.** Gel: 8 % SDS-PAGE, Lysate:  $40 \,\mu g$ , Lane 1-2: Mouse liver tissue, Mouse kidney tissue, Primary antibody: ABIN7128172(ACOX2 Antibody) at dilution 1/350, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes



### **Immunohistochemistry**

**Image 3.** The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7128172(ACOX2 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x200)