

Product datasheet for **TA322848**

ACOX2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse liver and kidney tissue IHC: 25-100 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human acyl-CoA oxidase 2, branched chain
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	77 kDa
Gene Name:	acyl-CoA oxidase 2, branched chain
Database Link:	NP_003491 Entrez Gene 93732 Mouse Entrez Gene 8309 Human Q99424



[View online »](#)

Background:

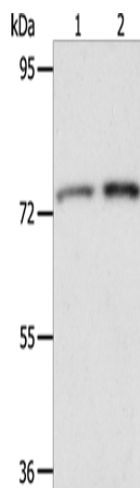
The product of this gene belongs to the acyl-CoA oxidase family. It encodes the branched-chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe mental retardation, and death in children.

Synonyms:

BCOX; BRCACOX; BRcox; THCCox

Protein Pathways:

Metabolic pathways, PPAR signaling pathway, Primary bile acid biosynthesis

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 µg

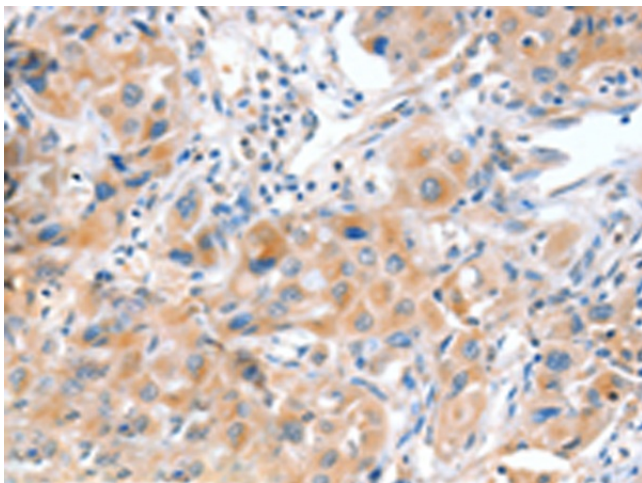
Lane 1-2: Mouse liver tissue

Mouse kidney tissue

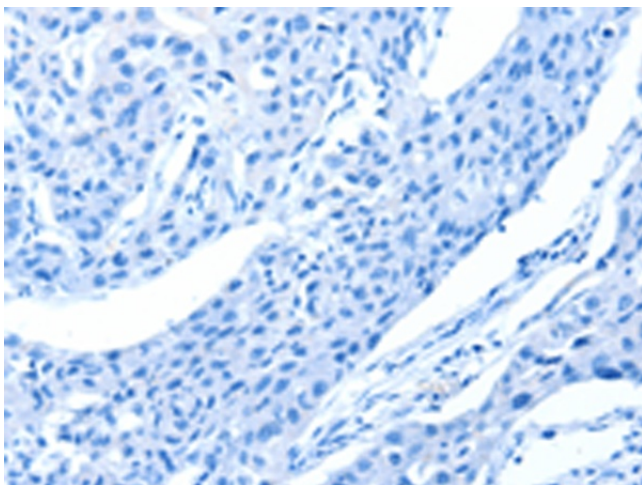
Primary antibody: TA322848 (ACOX2 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

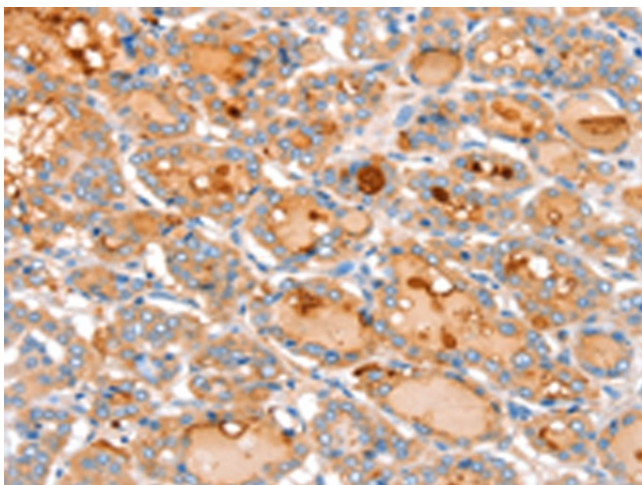
Exposure time: 2 minutes



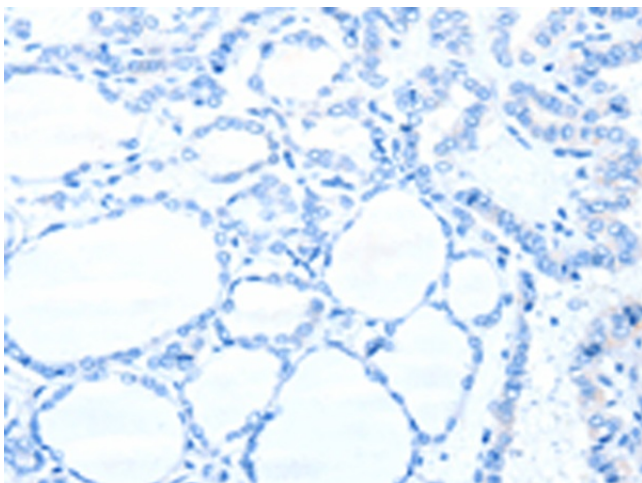
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322848 (ACOX2 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322848 (ACOX2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA322848 (ACOX2 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA322848 (ACOX2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)