

Product datasheet for TA303200

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ACOX2 Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: ELISA: 1:32,000. WB: 0.1-0.3µg/ml.

Reactivity: Human (Expected from sequence similarity: Mouse, Rat, Cow)

Host: Goat Isotype: IgG

Clonality: Polyclonal

Immunogen: Peptide with sequence C-HQSRLRPSDPEAK, from the internal region (near the C Terminus) of

the protein sequence according to NP_003491.1.

Formulation: Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

Concentration: lot specific

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: acyl-CoA oxidase 2, branched chain

Database Link: NP 003491

Entrez Gene 93732 MouseEntrez Gene 252898 RatEntrez Gene 8309 Human

Q99424





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Background: The product of this gene belongs to the acyl-CoA oxidases family. It encodes the branched-

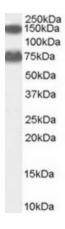
chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe mental retardation and death in children. [provided by RefSeq]. COMPLETENESS:

complete on the 3' end.

Synonyms: BCOX; BRCACOX; BRCOX; THCCox

Protein Pathways: Metabolic pathways, PPAR signaling pathway, Primary bile acid biosynthesis

Product images:



TA303200 (0.1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by

chemiluminescence.