

ACOX1 Antibody

Hypothetical protein DKFZp686L1882

CATALOG NO.: XW-8121

BACKGROUND:

The protein encoded by this gene 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 adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids. Alternatively spliced transcript variants encoding different isoforms have been identified.

TESTED APPLICATION:

WB

SPECIES REACTIVITY:

H

CLONALITY:

Polyclonal

HOST:

Chicken

IMMUNOGEN:

2-140

PROTEIN GI #:

30089972

PROTEIN ACCESSION #:

NP_004026.2

PURIFICATION:

Immunoaffinity Purified

BUFFER:

Phosphate-Buffered Saline. No preservatives added.

APPLICATION:

Hypothetical protein DKFZp686L1882 IgY antibody can be used for the detection of Hypothetical protein DKFZp686L1882 by Western Blot.



E coli-derived fusion protein as test antigen. Affinity-purified IgY dilution: 1:2000, Goat anti-IgY-HRP dilution: 1:1000. Colorimetric method for signal development.

STORAGE:

This antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.