

HADHSC Antibody

Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial

CATALOG NO.: XW-8005

BACKGROUND:

FUNCTION: Plays an essential role in the mitochondrial beta-oxidation of short chain fatty acids. Exerts its highest activity toward 3-hydroxybutyryl-CoA. **DISEASE:** Defects in HADHSC are the cause of 3-alpha-hydroxyacyl-CoA dehydrogenase deficiency (HAD deficiency) [MIM:609609]. HAD deficiency is a metabolic disorder with various clinical presentations including hypoglycemia, hepatoencephalopathy, myopathy or cardiomyopathy, and in some cases sudden death

TESTED APPLICATION:

WB

SPECIES REACTIVITY:

H,M,R

CLONALITY:

Polyclonal

HOST:

Chicken

IMMUNOGEN:

57-314

PROTEIN GI #:

4885387

PROTEIN ACCESSION #:

NP_005318.1

PURIFICATION:

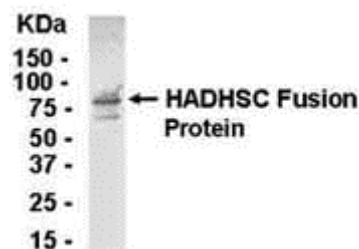
Immunoaffinity Purified

BUFFER:

Phosphate-Buffered Saline. No preservatives added.

APPLICATION:

Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial IgY antibody can be used for the detection of Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial 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.