Anti-ACOX1 Antibody

ER1919-52

Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human, Mouse, Rat
Applications:	WB
Molecular Wt:	74 kDa

Description: Defects in ACOX1 are the cause of adrenoleukodystrophy pseudoneonatal (Pseudo-NALD); also known as peroxisomal acyl-CoA oxidase deficiency. Pseudo-NALD is a peroxisomal single-enzyme disorder. Clinical features include mental retardation, leukodystrophy, seizures, mild hepatomegaly, hearing deficit. Pseudo-NALD is characterized by increased plasma levels of very-long chain fatty cids, due to decreased or absent peroxisome acyl-CoA oxidase activity. Peroxisomes are intact and functioning.

Immunogen: KLH conjugated synthetic peptide derived from human ACOX1: 221-320/660

Subcellular location: Peroxisome.

Database links: SwissProt: Q15067 Human | Q9R0H0 Mouse | P07872 Rat

Recommended Dilutions:

WB	1:500-2000

Storage Buffer: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Storage Instruction: Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co.,Ltd.
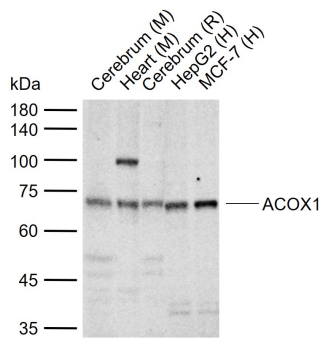
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Images

Fig1: Sample:

Lane 1: Mouse Cerebrum tissue lysates

Lane 2: Mouse Heart tissue lysates

Lane 3: Rat Cerebrum tissue lysates

Lane 4: Human HepG2 cell lysates

Lane 5: Human MCF-7 cell lysates

Primary: Anti-ACOX1 (ER1919-52) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 74 kDa

Observed band size: 73 kDa

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".