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ACOX1 Rabbit pAb

Catalog # AP96383

Product Information

Application	WB, E
Reactivity	Rat, Human, Mouse
Predicted	Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ACOX1
Epitope Specificity	221-320/660
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	51
Other Names	ACOX; AOX; MITCH; PALMCOX; SCOX; acyl-CoA oxidase 1; acyl-Coenzyme A oxidase 1, palmitoyl; acyl-CoA oxidase 1, palmitoyl; palmitoyl-CoA oxidase
Dilution	WB=1:500-2000,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.