



# ACOX1 Antibody

<b>Product Code</b>	CSB-PA001172GA01HU
<b>Abbreviation</b>	AOX
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q15067
<b>Immunogen</b>	Human AOX
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human,Mouse,Rat
<b>Tested Applications</b>	ELISA,WB,IHC
<b>Storage Buffer</b>	PBS with 0.1% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles.
<b>Purification Method</b>	Antigen Affinity Purified
<b>Isotype</b>	IgG
<b>Alias</b>	acyl-Coenzyme A oxidase 1, palmitoyl;ACOX1;ACOX;MGC1198;PALMCOX;SCOX ;
<b>Product Type</b>	Purified Rabbit Anti human PolyClonal Antibody
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	ACOX1
<b>Target Details</b>	This protein 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.