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<b>Product name:</b>	AOX1 Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN06965
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human AOX1. AA range:521-570
<b>Reactivity:</b>	Human,Rat
<b>Applications:</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
<b>Molecular Weight:</b>	120kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	<p>Aldehyde oxidase produces hydrogen peroxide and, under certain conditions, can catalyze the formation of superoxide. Aldehyde oxidase is a candidate gene for amyotrophic lateral sclerosis. [provided by RefSeq, Jul 2008],catalytic activity:An aldehyde + H(2)O + O(2) = a carboxylic acid + H(2)O(2).,caution:Was originally (PubMed:8248161) thought to be a xanthine dehydrogenase.,cofactor:Binds 2 2Fe-2S clusters.,cofactor:FAD.,cofactor:Molybdopterin.,similarity:Belongs to the xanthine dehydrogenase family.,similarity:Contains 1 2Fe-2S ferredoxin-type domain.,similarity:Contains 1 FAD-binding PCMH-type domain.,subunit:Homodimer.,tissue specificity:Abundant in liver, lower levels in lung, skeletal muscle, pancreas. Undetected in heart, brain and kidney.,</p>