Rabbit ACOX1 Polyclonal Antibody | anti-ACOX1 antibody

ACOX1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280344	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ACOX1; Polyclonal Antibody; ACOX1 Polyclonal Antibody; anti-ACOX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	622
Applicable Applications for anti-ACOX1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ACOX1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded mouse brain using ACOX1 antibody at dilution of 1:100 (40x lens).

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ACOX1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ACOX1 antibody	The protein encoded by this gene 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297206874

NCBI GeneID	51
NCBI Accession #	NP_001171968.1
NCBI GenBank Nucleotide #	NM_001185039.1
UniProt Accession #	Q15067; Q12863; Q15068; Q15101; Q16131; Q7Z3W5; Q9UD31; A8K6X8; A8KAA0; B4DK61; F5GYQ8
Molecular Weight	74kDa
NCBI Official Full Name	peroxisomal acyl-coenzyme A oxidase 1 isoform c
NCBI Official Synonym Full Names	acyl-CoA oxidase 1, palmitoyl
NCBI Official Symbol	ACOX1
NCBI Official Synonym Symbols	ACOX; SCOX; PALMCOX
NCBI Protein Information	peroxisomal acyl-coenzyme A oxidase 1
UniProt Protein Name	Peroxisomal acyl-coenzyme A oxidase 1
UniProt Gene Name	**ACOX1**
UniProt Synonym Gene Names	ACOX; AOX; SCOX
UniProt Entry Name	ACOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/acox1-antibody-immunohistochemistry-western-blot-elisa/280344