

Rabbit anti-Human ACOT2 Polyclonal Antibody | anti-ACOT2 antibody

Rabbit anti-ACOT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220431	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

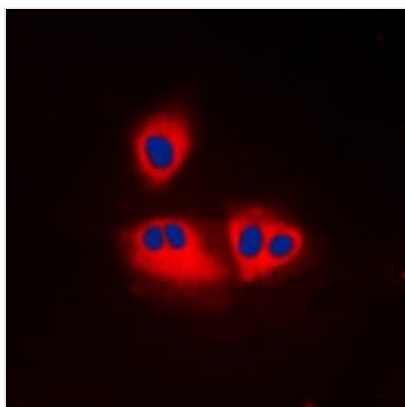
PRODUCT SYNONYMS

ACOT2; Polyclonal Antibody; Rabbit anti-ACOT2 Antibody; PTE2; PTE2A; Acyl-coenzyme A thioesterase 2; mitochondrial; Acyl-CoA thioesterase 2; Acyl-coenzyme A thioester hydrolase 2a; CTE-Ia; Long-chain acyl-CoA thioesterase 2; ZAP128; anti-ACOT2 antibody

PRODUCT SPECIFICATIONS

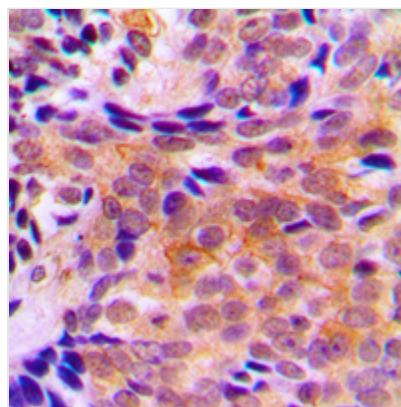
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ACOT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ACOT2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



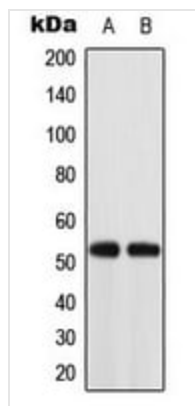
IF (Immunofluorescence)

Immunofluorescent analysis of ACOT2 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of ACOT2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ACOT2 expression in K562 (A), HT29 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACOT2 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148727286
NCBI GeneID	10965
NCBI Accession #	NP_006812.3
NCBI GenBank Nucleotide #	NM_006821.5
UniProt Accession #	P49753; Q3I5F8; Q53EK4; Q9NUX4
Molecular Weight	53,218 Da
NCBI Official Full Name	acyl-coenzyme A thioesterase 2, mitochondrial
NCBI Official Synonym Full Names	acyl-CoA thioesterase 2
NCBI Official Symbol	ACOT2
NCBI Official Synonym Symbols	MTE1; PTE2; CTE1A; PTE2A; CTE-IA; ZAP128
NCBI Protein Information	acyl-coenzyme A thioesterase 2, mitochondrial; long-chain acyl-CoA thioesterase 2; mitochondrial acyl-CoA thioesterase 1; acyl-coenzyme A thioester hydrolase 2a; peroxisomal long-chain acyl-coA thioesterase 2
UniProt Protein Name	Acyl-coenzyme A thioesterase 2, mitochondrial
UniProt Gene Name	ACOT2
UniProt Synonym Gene Names	PTE2; PTE2A; Acyl-CoA thioesterase 2
UniProt Entry Name	ACOT2_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/acot2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/220431>