Rabbit anti-Human ACD10 Polyclonal Antibody | anti-ACAD10 antibody

ACD10 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287679	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

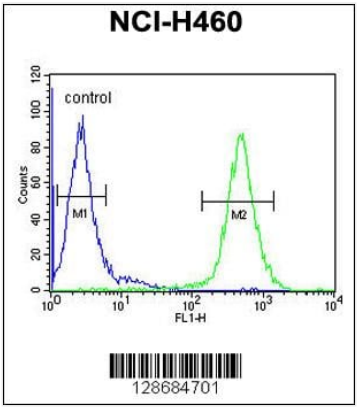
PRODUCT SYNONYMS

ACD10; Polyclonal Antibody; ACD10 Antibody (Center); Acyl-CoA dehydrogenase family member 10; ACAD-10; 1399-; ACAD10; anti-ACAD10 antibody

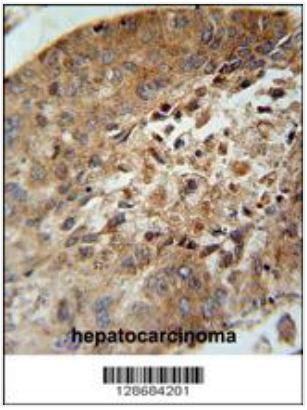
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACD10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 393-421 amino acids from the Central region of human ACD10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	393-421
Sequence Length	1,090
Applicable Applications for anti-ACAD10 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

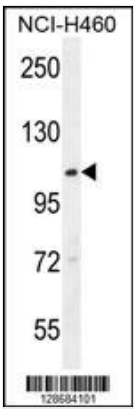
IMAGES



FCM/FACS (Flow Cytometry)
ACD10 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
ACD10 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ACD10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ACD10 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the ACD10 antibody detected the ACD10 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ACAD10 antibody	This gene encodes a member of the acyl-CoA dehydrogenase family of enzymes (ACADs), which participate in the beta-oxidation of fatty acids in mitochondria. The encoded enzyme contains a hydrolase domain at the N-terminal portion, a serine/threonine protein kinase catlytic domain in the central region, and a conserved ACAD domain at the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.
Product Categories/Family for anti-ACAD10 antibody	Metabolism; Signal Transduction
References	Bian, L., et al. Diabetologia 53(7):1349-1353(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Vega, A., et al. Gynecol. Oncol. 112(1):210-214(2009) Ye, X., et al. Mol. Biol. Rep. 31(3):191-195(2004) Sogayar, M.C., et al. Genome Res. 14(7):1413-1423(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	211971008

NCBI GeneID	80724
NCBI Accession #	NP_001130010.1; NP_079523.3
NCBI GenBank Nucleotide #	NM_001136538.1
UniProt Accession #	Q6JQN1; Q8N828; Q8NAP2; Q96BX5; G3XAJ0
Molecular Weight	118834
NCBI Official Full Name	acyl-CoA dehydrogenase family member 10 isoform a
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase family, member 10
NCBI Official Symbol	ACAD10
NCBI Protein Information	acyl-CoA dehydrogenase family member 10
UniProt Protein Name	Acyl-CoA dehydrogenase family member 10
UniProt Gene Name	**ACAD10**
UniProt Synonym Gene Names	ACAD-10
UniProt Entry Name	ACD10_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/acd10-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287679