

Rabbit anti-Human HACD2 Polyclonal Antibody | anti-HACD2 antibody

HACD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229789	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

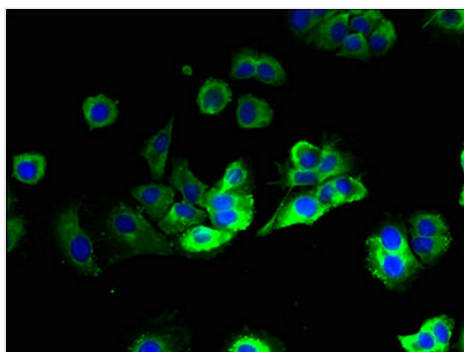
PRODUCT SYNONYMS

HACD2; Polyclonal Antibody; HACD2 Antibody; Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2; 3-hydroxyacyl-CoA dehydratase 21; HACD21; anti-HACD2 antibody

PRODUCT SPECIFICATIONS

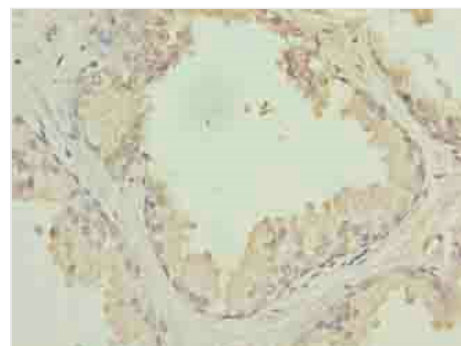
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	254
Applicable Applications for anti-HACD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2 protein
Immunogen Species	Homo Sapiens (Human)
Research Area	Cardiovascular
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



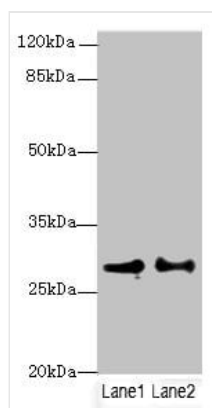
IHC (Immunohistochemistry)

Immunofluorescent analysis of MCF-7 cells using AAA229789 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA229789 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: HACD2 antibody at 4ug/mlLane 1: MCF7 whole cell lysateLane 2: LO2 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 29 kDaObserved band size: 29 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HACD2 antibody

Catalyzes the third of the four reactions of the long-chain fatty acids elongation cycle. This endoplasmic reticulum-bound enzymatic process, allows the addition of two carbons to the chain of long- and very long-chain fatty acids/VLCFAs per cycle. This enzyme catalyzes the dehydration of the 3-hydroxyacyl-CoA intermediate into trans-2,3-enoyl-CoA, within each cycle of fatty acid elongation. Thereby, it participates to the production of VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38257153
NCBI GeneID	201562
NCBI Accession #	NP_940684.1
NCBI GenBank Nucleotide #	NM_198402.3
UniProt Accession #	Q6Y1H2
Molecular Weight	28,368 Da
NCBI Official Full Name	very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2
NCBI Official Synonym Full Names	3-hydroxyacyl-CoA dehydratase 2
NCBI Official Symbol	HACD2
NCBI Official Synonym Symbols	PTPLB
NCBI Protein Information	very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2
UniProt Protein Name	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2
UniProt Gene Name	HACD2
UniProt Synonym Gene Names	HACD2
UniProt Entry Name	HACD2_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://www.aaabiotech.com/polyclonal/hacd2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/229789>