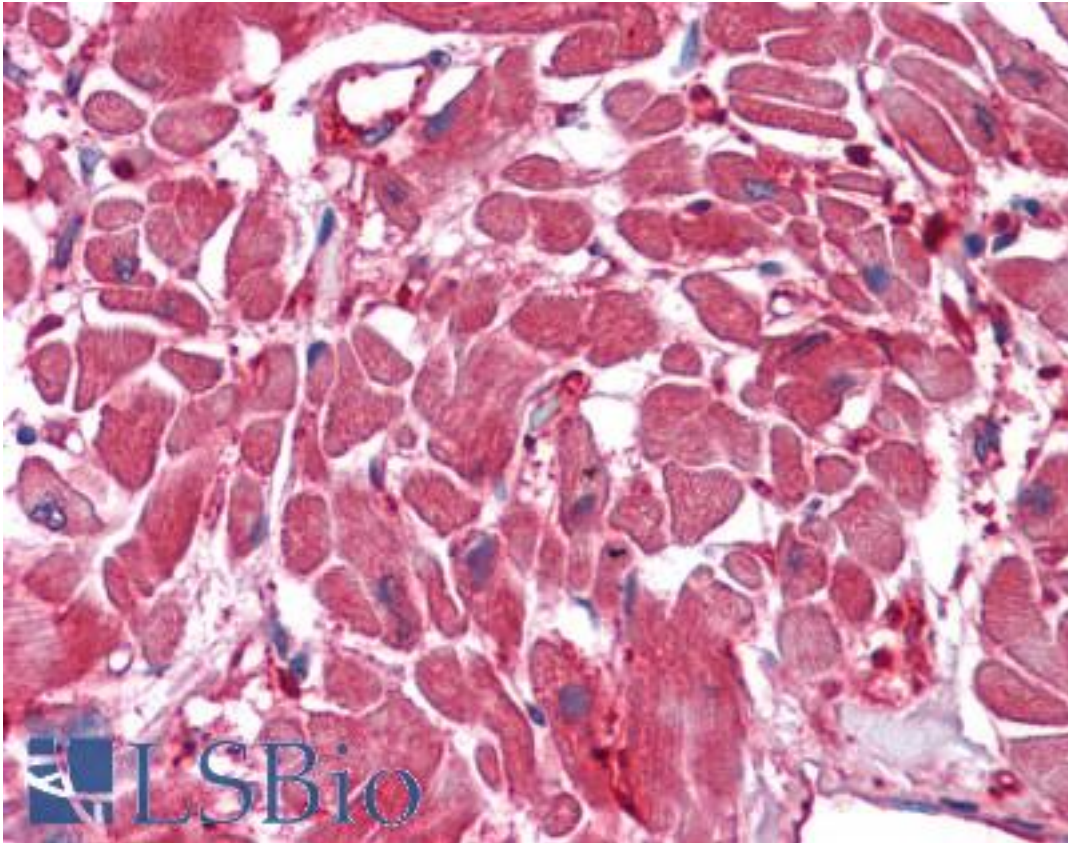


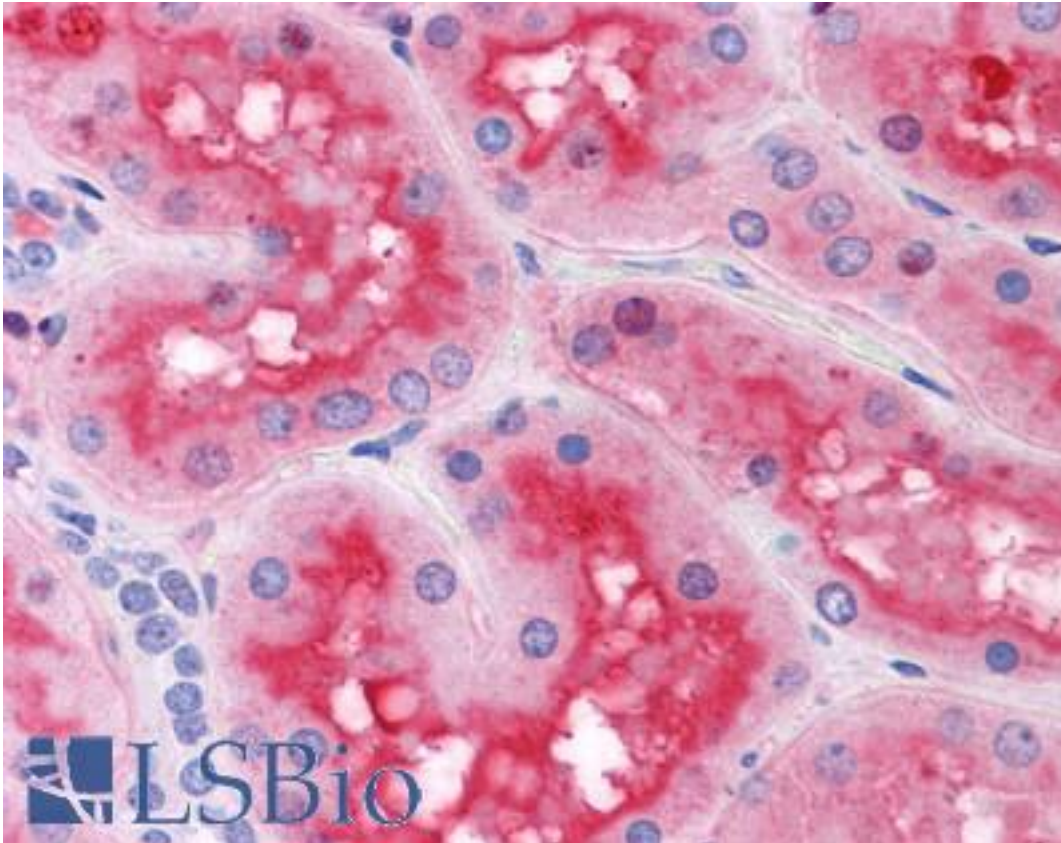
ACOT9 Mouse anti-Human Monoclonal (4E4) Antibody - LS-B4522 - LSBio	
<b>CatalogID:</b>	LS-B4522
<b>Validation:</b>	This antibody replaces catalog number LS-C105124. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	acyl-CoA thioesterase 9 (ACOT9)
<b>Synonyms:</b>	ACOT9 Antibody, ACATE2 Antibody, Acyl-CoA thioester hydrolase 9 Antibody, Acyl-CoA thioesterase 9 Antibody, MTA48 Antibody, CGI-16 Antibody, MT-ACT48 Antibody
<b>Host</b>	ACOT9 antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1,k
<b>Clone Name:</b>	4E4
<b>Immunogen Species:</b>	ACOT9 antibody was raised against Human
<b>Antigen Type:</b>	Recombinant protein
<b>Immunogen:</b>	ACOT9 antibody was raised against aCATE2 (AAH12573, 1 a.a. ~ 213 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Reactivity:</b>	Human
<b>Purification:</b>	Protein A purified
<b>Presentation:</b>	PBS, pH 7.2. Sourced in Ascites.
<b>Recommended Storage:</b>	Store at -20°C. Aliquot to avoid freeze/thaw cycles.
<b>Usage Summary:</b>	Western Blot (Cell lysate) - positive control MCF-7. Western Blot (Transfected lysate) - positive control transfected 293T cell line. Immunofluorescence (10 µg/ml) - positive control HeLa cells. Sandwich ELISA (Recombinant protein).
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Immunofluorescence (10 µg/ml), Western blot, ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg

**Immunohistochemistry Image:**



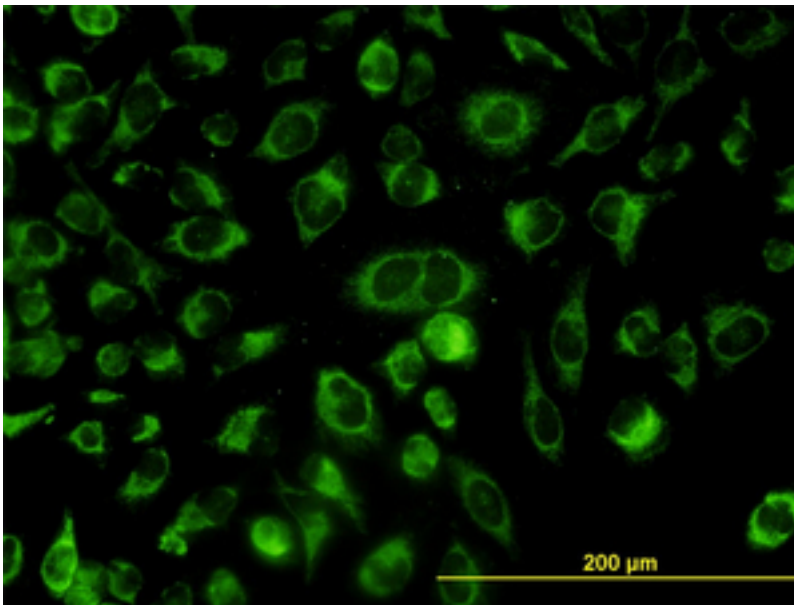
Anti-ACOT9 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4522 concentration 5 ug/ml.

**Immunohistochemistry Image:**



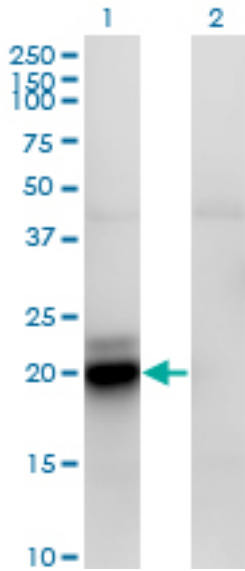
Anti-ACOT9 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4522 concentration 5 ug/ml.

**Immunofluorescence Image:**



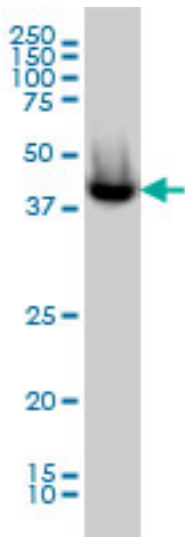
Immunofluorescence of monoclonal antibody to ACOT9 on HeLa cell (antibody concentration 10 ug/ml).

**Western Blot Image:**



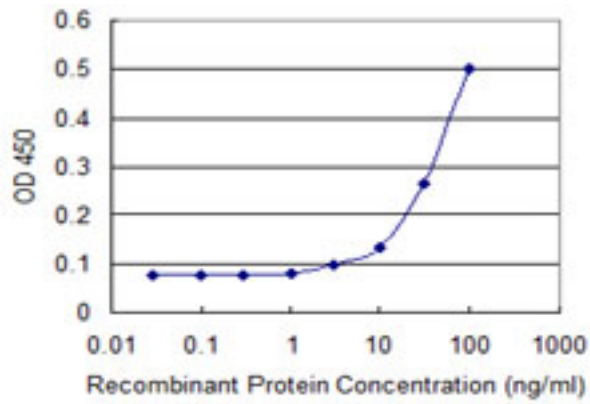
Western blot of ACOT9 expression in transfected 293T cell line by ACATE2 monoclonal antibody, clone 4E4.

**Western Blot Image:**



ACATE2 monoclonal antibody, clone 4E4 Western blot of ACATE2 expression in MCF-7.

**ELISA Image:**



Detection limit for recombinant GST tagged ACOT9 is approximately 3 ng/ml as a capture antibody.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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