

# ACSL1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	synthetic peptide directed towards the C terminal region of human ACSL1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 2% sucrose
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2688374

Applications	Tested Dilution	Publications
Western Blot (WB)	0.2-1.0 µg/mL	-
Immunohistochemistry (IHC)	Assay-dependent	-

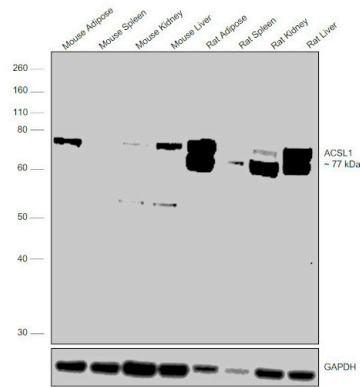
## Product Specific Information

This target displays homology in the following species: Cow: 93%; Dog: 93%; Guinea Pig: 79%; Horse: 85%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 79%

Product Images For ACSL1 Polyclonal Antibody

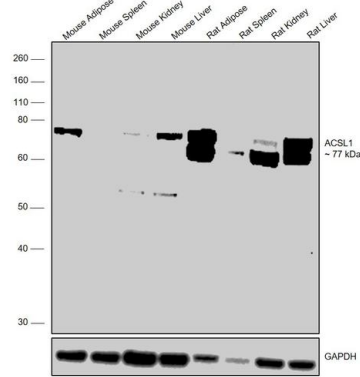
ACSL1 Antibody (PA5-68573)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissue tested owing to their inherent genetic constitution. Relative expression of ACSL1 was observed in Mouse Adipose and Mouse Liver in comparison to Mouse Spleen and Mouse Kidney using Anti-ACSL1 Polyclonal Antibody (Product # PA5-68573) in Western Blot. (doi: 10.1038/srep19661 (2016). {RE}



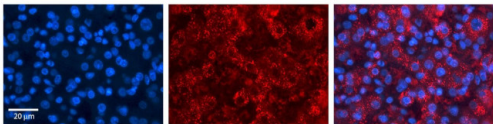
ACSL1 Antibody (PA5-68573) in WB

Western blot was performed using Anti-ACSL1 Polyclonal Antibody (Product # PA5-68573) and 77 kDa band corresponding to ACSL1 was observed in Mouse and Rat Adipose, Mouse and Rat Liver but not in Kidney and Spleen which are reported to be low expressing for ACSL1. Tissue extracts (30 µg lysate) of Mouse Adipose (Lane 1), Mouse Spleen (Lane 2), Mouse Kidney (Lane 3), Mouse Liver (Lane 4), Rat Adipose (Lane 5), Rat Spleen (Lane 6), Rat Kidney (Lane 7) and Rat Liver (Lane 8) were electrophoresed using NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0302BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1500 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



ACSL1 Antibody (PA5-68573) in IHC

Immunohistochemistry was performed on heart, liver, pancreas and brain tissue using a ACSL1 polyclonal antibody (Product # PA5-68573).



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