

# ACADL Polyclonal Antibody

Catalog No: #27748



Package Size: #27748-1 50ul #27748-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

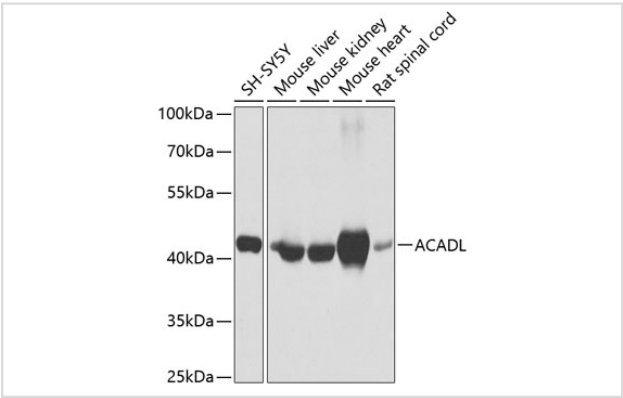
## Description

Product Name	ACADL Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human ACADL (NP_001599.1).
Conjugates	Unconjugated
Other Names	ACADL;ACAD4;LCAD
Accession No.	Uniprot:P28330GenelD:33
Calculated MW	47kDa
SDS-PAGE MW	47kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

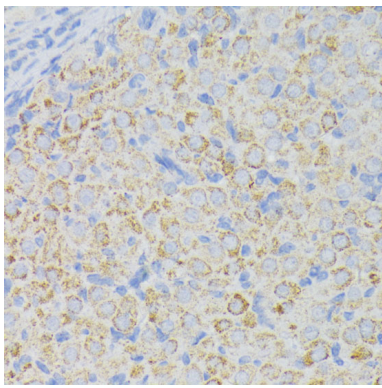
## Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

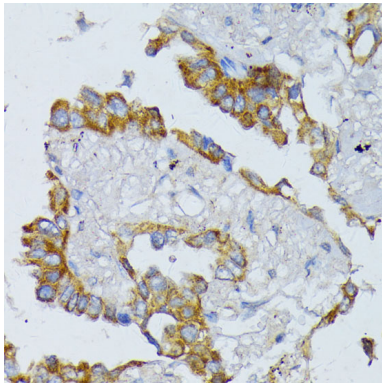
## Images



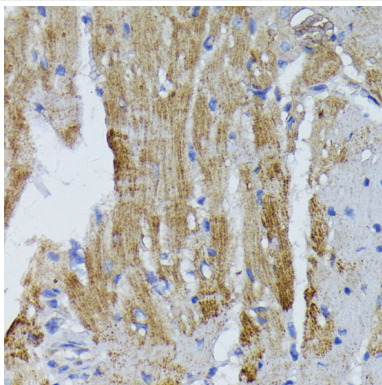
Western blot analysis of extracts of various cell lines, using ACADL antibody.



Immunohistochemistry of paraffin-embedded rat ovary using ACADL antibody.



Immunohistochemistry of paraffin-embedded human lung cancer using ACADL antibody.



Immunohistochemistry of paraffin-embedded mouse heart using ACADL antibody.

## Background

The protein encoded by this gene belongs to the acyl-CoA dehydrogenase family, which is a family of mitochondrial flavoenzymes involved in fatty acid and branched chain amino-acid metabolism. This protein is one of the four enzymes that catalyze the initial step of mitochondrial beta-oxidation of straight-chain fatty acid. Defects in this gene are the cause of long-chain acyl-CoA dehydrogenase (LCAD) deficiency, leading to nonketotic hypoglycemia.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.