

# ACADSB Polyclonal Antibody

Catalog No: #28805



Package Size: #28805-1 50ul #28805-2 100ul

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

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

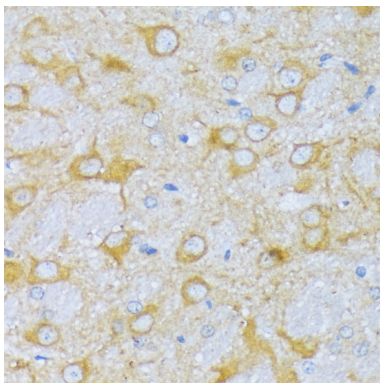
## Description

Product Name	ACADSB Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human ACADSB (NP_001600.1).
Other Names	ACADSB;2-MEBCAD;ACAD7;SBCAD
Accession No.	Uniprot:P45954GeneID:36
SDS-PAGE MW	/
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

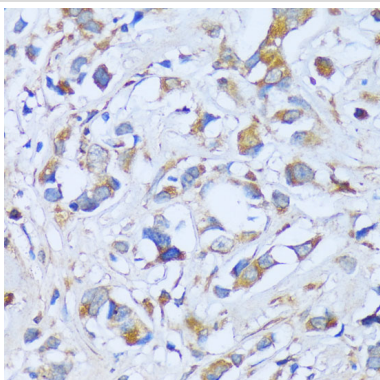
## Application Details

IHC 1:50 - 1:200

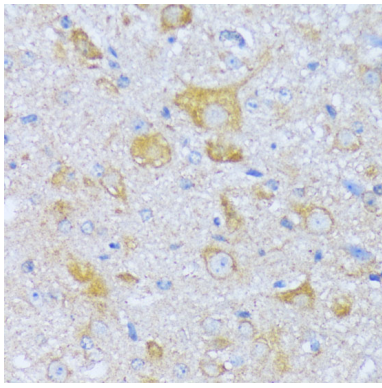
## Images



Immunohistochemistry of paraffin-embedded rat brain using ACADSB antibody.



Immunohistochemistry of paraffin-embedded human breast cancer using ACADSB antibody.



Immunohistochemistry of paraffin-embedded mouse spinal cord using ACADSB antibody.

## Background

Short/branched chain acyl-CoA dehydrogenase(ACADSB) is a member of the acyl-CoA dehydrogenase family of enzymes that catalyze the dehydrogenation of acyl-CoA derivatives in the metabolism of fatty acids or branch chained amino acids. Substrate specificity is the primary characteristic used to define members of this gene family. The ACADSB gene product has the greatest activity towards the short branched chain acyl-CoA derivative, (S)-2-methylbutyryl-CoA, but also reacts significantly with other 2-methyl branched chain substrates and with short straight chain acyl-CoAs. The cDNA encodes for a mitochondrial precursor protein which is cleaved upon mitochondrial import and predicted to yield a mature peptide of approximately 43.7-KDa.

## Published Papers

el at., A Newly Established Cuproptosis-Related Gene Signature for Predicting Prognosis and Immune Infiltration in Uveal MelanomaInt J Mol SciOn2023 Jul 12byWei Huang?1?2,?Fan Yang et al..PMID:?37511120, , (2023)

[PMID:37511120](#)

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