

ACADSB Rabbit Polyclonal Antibody



CAB15019

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

36kDa/47kDa

Applications:

IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

36

Uniprot

P45954

Antibody Information

Recommended dilutions:

IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

ACADSB; 2-MEBCAD; ACAD7; SBCAD

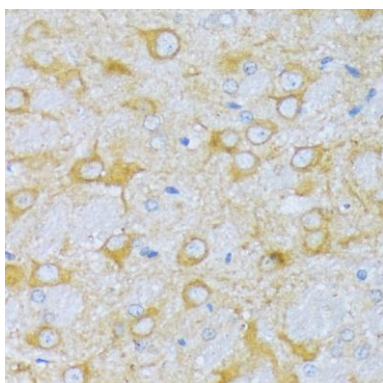
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 133-432 of human ACADSB (NP_001600.1).

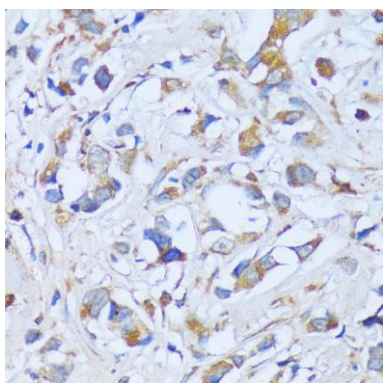
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

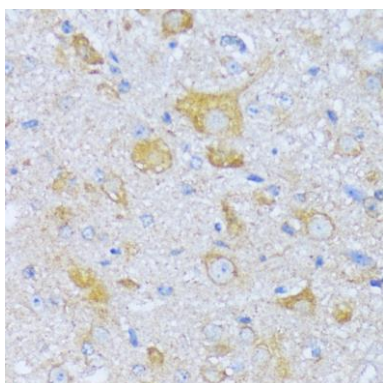
Product Images



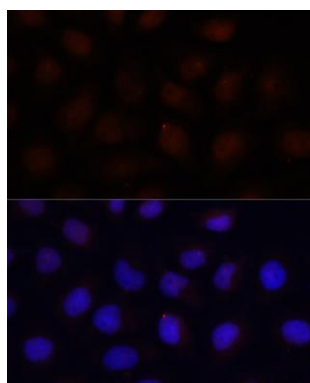
Immunohistochemistry of paraffin-embedded rat brain using ACADSB antibody (CAB15019) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast cancer using ACADSB antibody (CAB15019) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spinal cord using ACADSB antibody (CAB15019) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using ACADSB antibody (CAB15019) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.