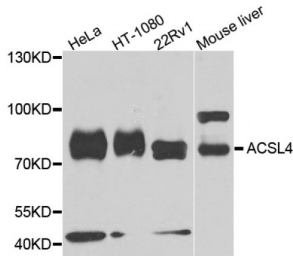


Acyl-CoA Synthetase Long Chain Family Member 4 (ACSL4) Antibody

Catalogue No.: abx005225



Western blot analysis of extracts of various cell lines, using ACSL4 antibody (abx005225) at 1/1000 dilution.

ACSL4 Antibody is a Rabbit Polyclonal antibody against ACSL4. The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme preferentially utilizes arachidonate as substrate. The absence of this enzyme may contribute to the mental retardation or Alport syndrome. Alternative splicing of this gene generates 2 transcript variants.

Target: ACSL4

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human ACSL4.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 74 kDa/79 kDa
Observed MW: 80 kDa

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Swiss Prot: [O60488](#)

GeneID: [2182](#)

Gene Symbol: ACSL4

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.