

ACCS polyclonal antibody

Catalog: BS8880

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

PHACS (putative human ACS), also known as ACC or ACS (1-aminocyclopropane-1-carboxylate synthase homolog), is a 501 amino acid protein that belongs to the alpha family of pyridoxal-5-prime-phosphate enzymes. PHACS is expressed in a wide range of tissues and shares structural similarity with AAT (aspartate aminotransferase), TAT (tyrosine aminotransferase) and enzymes that catalyze beta-elimination reactions on amino acids. PHACS consists of overlapping aminotransferase I and beta-eliminating lyase domains and is involved in the deamination of L-vinylglycine. The plant homolog ACS is the key metabolic intermediate in the biosynthesis of phytohormone ethylene, which is essential for the growth and development of plants.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 57kDa

Swiss-Prot:

Q96QU6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

IHC: 1:50~1:200

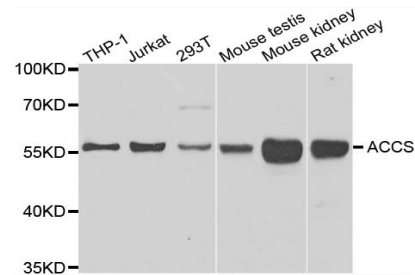
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ACCS polyclonal antibody detects endogenous levels of ACCS protein.

DATA:



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

Note:

For research use only, not for use in diagnostic procedure.

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