



AASDHPPT (h2): 293T Lysate: sc-170747

BACKGROUND

AASDHPPT (aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase), also known as LYS2, LYS5 or CGI-80, is a 309 amino acid protein that localizes to the cytoplasm and belongs to the P-Pant transferase superfamily. Expressed in testis, liver, kidney, heart, brain, placenta and skeletal muscle, AASDHPPT exists as a monomer that functions to catalyze the phosphopantetheine-dependent post-translational modification of target proteins, effectively transferring a 4'-phosphopantetheine moiety from coenzyme A (CoA) to a serine residue of an acceptor protein. AASDHPPT is subject to DNA damage-dependent phosphorylation, probably by ATM or ATR. The gene encoding AASDHPPT maps to human chromosome 11q22.3, which houses over 1,400 genes and comprises nearly 4% of the human genome.

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CHROMOSOMAL LOCATION

Genetic locus: AASDHPPT (human) mapping to 11q22.3.

PRODUCT

AASDHPPT (h2): 293T Lysate represents a lysate of human AASDHPPT transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

RESEARCH USE

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

APPLICATIONS

AASDHPPT (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive AASDHPPT antibodies. Recommended use: 10-20 μ l per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.