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Datasheet for ABIN1390992

anti-AASDHPPT antibody (AA 201-250) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	AASDHPPT
Binding Specificity:	AA 201-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AASDHPPT antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AASDHPPT
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	AASDHPPT
Alternative Name:	AASDHPPT (AASDHPPT Products)
Background:	Synonyms: 4' phosphopantetheinyl transferase, 4'-phosphopantetheinyl transferase, AASD PPT,

Target Details

AASD-PPT, AASDHPPT, ADPPT_HUMAN, Alpha amino adipic semialdehyde dehydrogenase phosphopantetheinyl transferase, Alpha-amino adipic semialdehyde dehydrogenase-phosphopantetheinyl transferase, CGI 80, CGI80, CGI-80, HAH P, L-amino adipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase, LYS2, LYS5, LYS5 ortholog.

Background: AASDHPPT (amino adipate-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 11, which houses over 1,400 genes and comprises nearly 4 % of the human genome.

Gene ID: 60496

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months