
Product name:	AASD-PPT Rabbit Polyclonal Antibody
Cat number:	ABN06381
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human AASDHPPT. AA range:11-60
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight:	36kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	<p>The protein encoded by this gene is similar to <i>Saccharomyces cerevisiae</i> LYS5, which is required for the activation of the alpha-aminoadipate dehydrogenase in the biosynthetic pathway of lysine. Yeast alpha-aminoadipate dehydrogenase converts alpha-biosynthetic-aminoadipate semialdehyde to alpha-aminoadipate. It has been suggested that defects in the human gene result in pipecolic acidemia. [provided by RefSeq, Jul 2008],catalytic activity:CoA-[4'-phosphopantetheine] + apo-[acyl-carrier-protein] = adenosine 3',5'-bisphosphate + holo-[acyl-carrier-protein],,cofactor: Binds 1 magnesium ion.,function: Catalyzes the post-translational modification of target proteins by phosphopantetheine. Can transfer the 4'-phosphopantetheine moiety from coenzyme A to a serine residue of a broad range of acceptors, such as the acyl carrier domain of FASN.,PTM: Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity: Belongs to the P-Pant transferase superfamily. AcpS family.,subunit: Monomer. Interacts with FASN.,tissue specificity: Detected in heart, skeletal muscle, placenta, testis, brain, pancreas, liver and kidney.,</p>