Datasheet for ABIN2783499

anti-AASDHPPT antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	AASDHPPT
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Dog, Horse, Guinea Pig, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AASDHPPT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human AASDHPPT
Sequence:	SRHQDVPSQD DSKPTQRQFT ILNFNDLMSS AVPMTPEDPS FWDCFCFTEE
Predicted Reactivity:	Cow: 79%, Dog: 86%, Guinea Pig: 85%, Horse: 100%, Human: 100%, Pig: 93%, Rabbit: 86%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against AASDHPPT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	AASDHPPT

Target Details

Alternative Name:	AASDHPPT (AASDHPPT Products)
Background:	AASDHPPT is similar to Saccharomyces cerevisiae 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.The protein encoded by this gene is similar to Saccharomyces cerevisiae 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. Alias Symbols: AASD-PPT, CGI-80, DKFZp566E2346, LYS2, LYS5 Protein Interaction Partner: USP22, UBC, TRAF2, SIAH1, ZC3HC1, EHD4, EHD1, TRIP13, NOL3, SGTA, PLCG1, HNRNPH1, CAPZA2, FBXO6, PAXIP1, BABAM1, MDFI, Protein Size: 309
Molecular Weight:	36 kDa
Gene ID:	60496
NCBI Accession:	NM_015423, NP_056238
UniProt:	Q9NRN7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 309 AA
Restrictions:	For Research Use only

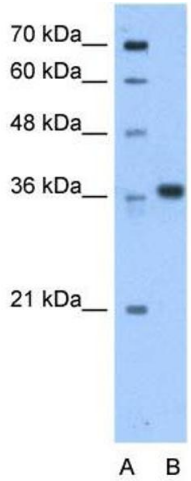
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-AASDHPPT Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate