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Datasheet for ABIN513229

anti-ALAD antibody (AA 1-339)

2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	ALAD
Binding Specificity:	AA 1-339
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALAD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human ALAD protein.
Immunogen:	ALAD (NP_000022.2, 1 a.a. ~ 339 a.a) full-length human protein.
Sequence:	MPLCPLAHAM QPQSVLHSGY FHPLLRWQT ATTLNASNL IYPIFVTDVP DDIQPITSLP GVARYGVKRL EEMLRPLVEE GLRCVLIFGV PSRVPKDERG SAADSEESPA IEAIHLRKT FPNLLVACDV CLCPYTSFGH CGLLENGAF RAEESRQLA EVALAYAKAG CQVVAPSDMM DGRVEAIKEA LMAHGLGNRV SVMSYSAKFA SCFYGPFRDA AKSSPAFGDR RCYQLPPGAR GLALRAVDRD VREGADMLMV KPGMPYLDIV REVKDKHPDL PLAVYHVSFE FAMLWHGAQA GAFDLKAAVL EAMTAFRRAG ADIIITYYTP QLLQWLKEE
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	ALAD
Alternative Name:	ALAD (ALAD Products)
Background:	Full Gene Name: aminolevulinate, delta-, dehydratase Synonyms: ALADH,MGC5057,PBGS
Gene ID:	210
NCBI Accession:	NM_000031

Application Details

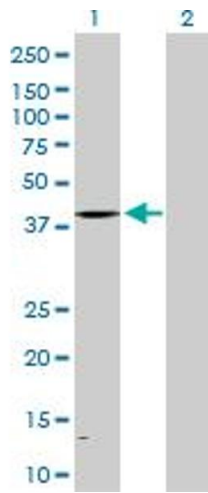
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Anand, Wilson, Hasan, Maytin: "Vitamin D3 enhances the apoptotic response of epithelial tumors to aminolevulinate-based photodynamic therapy." in: Cancer research , Vol. 71, Issue 18, pp. 6040-50, (2011) (PubMed).
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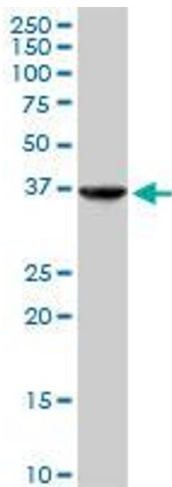


Western Blotting

Image 1. Western Blot analysis of ALAD expression in transfected 293T cell line by ALAD MaxPab polyclonal antibody.

Lane 1: ALAD transfected lysate(37.20 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. ALAD MaxPab rabbit polyclonal antibody. Western Blot analysis of ALAD expression in human liver.