

Rabbit ALAD Polyclonal Antibody | anti-ALAD antibody

ALAD Polyclonal Antibody

CATALOG # AAA280297	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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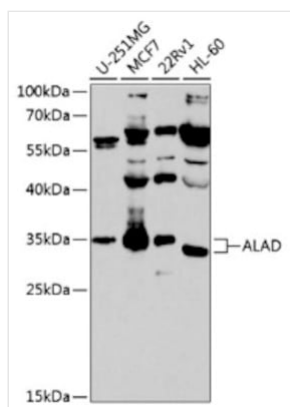
PRODUCT SYNONYMS

ALAD; Polyclonal Antibody; ALAD Polyclonal Antibody; anti-ALAD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	359
Applicable Applications for anti-ALAD antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-330 of human ALAD (NP_000022.3).
SpeciesReactivity/ CrossReactivity	Human
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALAD antibody (AAA280297) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALAD antibody	The ALAD enzyme is composed of 8 identical subunits and catalyzes the condensation of 2 molecules of delta-aminolevulinate to form porphobilinogen (a precursor of heme, cytochromes and other hemoproteins). ALAD catalyzes the second step in the porphyrin and heme biosynthetic pathway; zinc is essential for enzymatic activity. ALAD enzymatic activity is inhibited by lead and a defect in the ALAD structural gene can cause increased sensitivity to lead poisoning and acute hepatic porphyria.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189083849
NCBI GeneID	210
NCBI Accession #	NP_000022.3
NCBI GenBank Nucleotide #	NM_000031.5
UniProt Accession #	P13716; Q16870; Q16871; Q9BVQ9; A8K375; B2R6F2
NCBI Official Full Name	delta-aminolevulinic acid dehydratase
NCBI Official Synonym Full Names	aminolevulinate dehydratase
NCBI Official Symbol	ALAD
NCBI Official Synonym Symbols	PBGS; ALADH
NCBI Protein Information	delta-aminolevulinic acid dehydratase
UniProt Protein Name	Delta-aminolevulinic acid dehydratase
UniProt Gene Name	ALAD
UniProt Synonym Gene Names	ALADH
UniProt Entry Name	HEM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.