

Rabbit anti-Human, Mouse ALAD Polyclonal Antibody | anti-ALAD antibody

ALAD Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311114	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

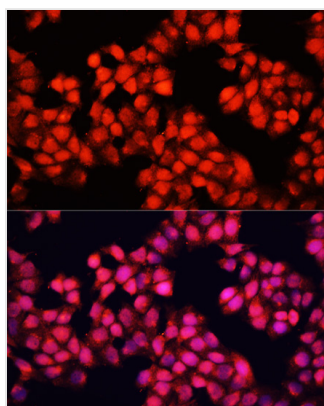
PRODUCT SYNONYMS

ALAD; Polyclonal Antibody; ALAD Polyclonal Antibody; ALADH; PBGS; aminolevulinate dehydratase; anti-ALAD antibody

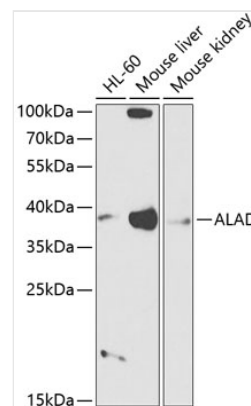
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-ALAD antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ALAD (NP_000022.3).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ALAD antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALAD antibody.

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. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-ALAD antibody	Total protein Ab

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
Molecular Weight	39,034 Da
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; aminolevulinate, delta-, dehydratase; porphobilinogen synthase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alad-antibody-immunofluorescence-western-blot-elisa/311114>