antibodies - online.com







anti-ALAD antibody







()	1 /	\sim	rv	11/	11	Α
	1//	┙	I \/	16	٦,	/\

Quantity:	200 μL
Target:	ALAD
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALAD antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human ALAD (NP_000022.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ALAD	
Alternative Name:	me: ALAD (ALAD Products)	
Background:	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	

Target Details

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.

Gene ID: 210

UniProt: P13716

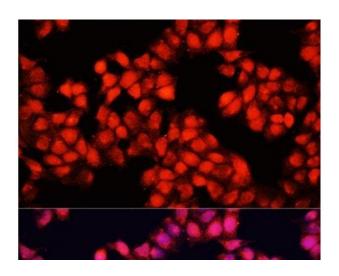
Application Details

Application Notes:	IF 1:50-1:200	
Restrictions:	For Research Use only	

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using ALAD Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.