

# ALAD antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11949

## Product Information

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Application	WB
Primary Accession	<a href="#">P13716</a>
Other Accession	<a href="#">NM_001003945</a> , <a href="#">NP_001003945</a>
Reactivity	Human
Predicted	Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36295

## Additional Information

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Gene ID	210
Alias Symbol	ALADH, MGC5057, PBGS
Other Names	Delta-aminolevulinic acid dehydratase, ALADH, 4.2.1.24, Porphobilinogen synthase, ALAD
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ALAD antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ALAD antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	ALAD
Function	Catalyzes an early step in the biosynthesis of tetrapyrroles. Binds two molecules of 5-aminolevulinate per subunit, each at a distinct site, and catalyzes their condensation to form porphobilinogen.
Cellular Location	Cytoplasm, cytosol {ECO:0000250 UniProtKB:P10518}

## Images

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WB Suggested Anti-ALAD Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:312500  
Positive Control: Human Muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.