

Recombinant

DGRmAb®

ALAD (DGR35218) Rabbit mAb (PBS Only)

db12431-PBS

Package : 100µg

Product Name : ALAD (DGR35218) Rabbit mAb (PBS Only)**Cat.No.:** db12431-PBS**Synonyms** : PBGS; ALADH**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Rabbit**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 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. [provided by RefSeq, Dec 2015]

Immunogen

A synthetic peptide of human ALAD

Gene ID

210

Swiss Prot

P13716

Synonyms

PBGS; ALADH

Reactivity

Human

Application

WB, IHC-P

Recommended dilutionWB: 1:1000-1:5000
IHC-P: 1:50-1:500**Calculated MW**

36 kDa

Observed MW

36 kDa

Host species

Rabbit

Clonality

Monoclonal

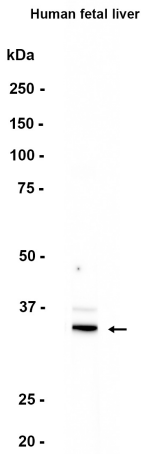
Clonality No.

DGR35218

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Human fetal liver tissue using [db12431](#)