

AbboMax, Inc

Innovation at Work

Rabbit anti FAH Polyclonal Antibody

Alternate Names: FAH, Fumarylacetoacetate hydrolase; Fumarylacetoacetase, Beta-diketonase.

ANTIGEN PREPARATION

A full length recombinant protein of FAH from mouse origin

BACKGROUND

Fumarylacetoacetate hydrolase, also known as FAH, is an enzyme that catalyzes the hydrolysis of 4-fumarylacetoacetate into fumarate and acetoacetate. It is the last enzyme in tyrosin catabolism pathway. This enzyme is abundant in the liver and kidney, and smaller amounts are found in many tissues throughout the body. Human genetic disorder hereditary tyrosinemia (HT) is associated with FAH deficiency and liver/ kidney dysfunction.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification.

SPECIFICITY

This antibody recognizes ~47 kDa of mouse FAH protein. The other species are not tested.

APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	2-5 µg/ml
Flow cytometry	Not tested

FORMULATION

This affinity purified antibody is supplied in sterile phosphate-buffered saline (pH7.2) containing antibody stabilizer

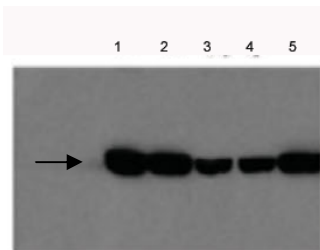
STORAGE

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

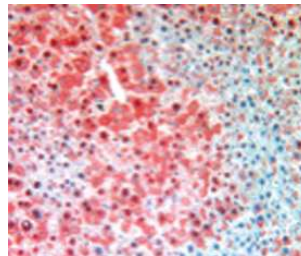
MOLECULAR WEIGHT:	~47 kDa
POSITIVE CONTROL:	Mouse liver tissue
CELLULAR LOCATION:	Cytoplasmic

Optimal dilutions should be determined by researchers for the specific applications.

DATA ATTACHMENTS



WB: The whole cell lysate derived from mouse liver tissue at 50 µg/lane (from 5 individual mice) loaded onto SDS-PAGE, transferred onto a NC membrane, then blotted by Rabbit anti FAH antibody (Cat#602-910) at 1:500. An immunoreactive band FAH protein is observed around ~47kD.



IHC: The mouse liver tissue was fixed and stained by Rabbit anti FAH (Cat# 602-910) at 2 µg/ml for 37°C, 30 min, followed by HRP-linked secondary antibody, and visualized by AEC substrate, and counterstaining by hematoxylin.

REFERENCES:

Kirk J. Wangenstein, et al. A Facile Method for Somatic, Lifelong Manipulation of Multiple Genes in the Mouse Liver. HEPATOLOGY, Vol. 47, No. 5, 2008

FOR RESEARCH USE ONLY.

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Order Information

Description: Rabbit anti FAH
Catalogue#: 602-910
Lot#: See the label
Size: 100 µg/200 ul
Host: Rabbit
Clone: N/A
Application: ELISA, WB, IHC
Reactivity: Ms, Rt, Hu