



## **Rabbit anti FAH (Fumarylacetoacetat Hydrolase) Polyclonal Antibody**

**Alternative Name(s):** fumarylacetoacetate hydrolase; fumarylacetoacetase;

### **Order Information**

- **Description:** FAH (Fumarylacetoacetat Hydrolase)
- **Catalogue:** 602-910
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Ms, Hu, Rt

### **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

### **FORMULATION**

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

### **SPECIFICITY**

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

### **STORAGE**

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### **APPLICATIONS/SUGGESTED WORKING DILUTIONS\***

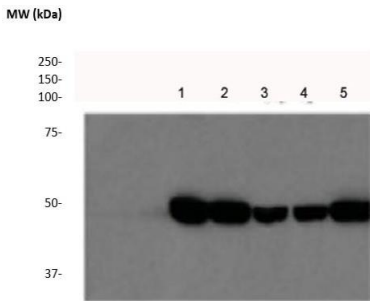
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 47.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

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

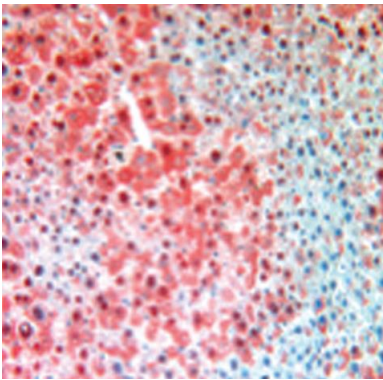
### **FOR RESEARCH USE ONLY.**

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## DATA ATTACHMENTS



Western Blot: The whole cell lysate derived from mouse liver tissue at 50  $\mu$ g/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.



Immunohistochemistry: The mouse liver tissue (FFPE) was fixed and stained by Rabbit anti FAH (Cat# 602-910) at 2  $\mu$ g/ml for 37oC, 30 min, followed by HRP-linked secondary antibody, and visualized by AEC substrate, and counterstaining by hematoxylin.

## REFERENCES

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