

For Research Use Only

# FAH Polyclonal antibody

Catalog Number: 14928-1-AP

Featured Product

9 Publications



## Basic Information

Catalog Number:

14928-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6704

GenBank Accession Number:

BC002527

GeneID (NCBI):

2184

UNIPROT ID:

P16930

Full Name:

fumarylacetoacetate hydrolase (fumarylacetoacetase)

Calculated MW:

46 kDa

Observed MW:

40-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB: mouse liver tissue, rat liver tissue

## Background Information

FAH is also named as FAA (fumarylacetoacetase), the last enzyme in tyrosine degradation, functionally important in the liver and kidney (PMID:8473520). FAH is a metabolic enzyme catalyzing the last step of tyrosine and phenylalanine catabolism: the hydrolysis of fumarylacetoacetate into acetoacetate and fumarate. In humans, deficiency of this activity is associated with the metabolic disease hereditary tyrosinaemia type I, which is also known as hepatorenal tyrosinaemia (PMID:17768357).

## Notable Publications

Author	Pubmed ID	Journal	Application
Jinghai Hu	27626805	PLoS One	
Guodong Lian	29115543	Oncol Rep	
Peng-Ming Yu	32532183	Cartilage	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

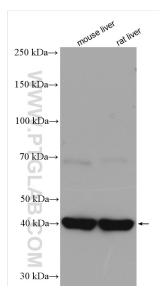
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14928-1-AP (FAH antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.