

For Research Use Only

# FH Recombinant antibody

Catalog Number: 82508-1-RR



## Basic Information

Catalog Number:

82508-1-RR

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1934

GenBank Accession Number:

BC003108

GeneID (NCBI):

2271

UNIPROT ID:

P07954

Full Name:

fumarate hydratase

Calculated MW:

510 aa, 55 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

3K16

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Rat, Mouse

Positive Controls:

WB : HepG2 cells, HEK-293 cells, A431 cells, L02 cells, mouse liver tissue, rat liver tissue

## Background Information

FH(fumarate hydratase) belongs to the class-II fumarase/aspartase family. It is an enzymatic component of the tricarboxylic acid cycle, catalyzing the conversion of fumarate to malate. FH also acts as a tumor suppressor function of FH in sporadic kidney cancer(PMID:21695080). Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy.

## 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

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

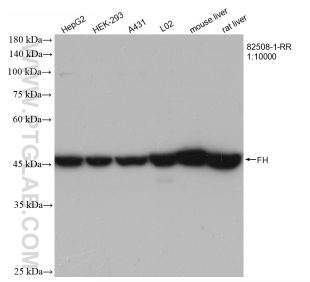
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82508-1-RR (FH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.