

For Research Use Only

# FH Recombinant antibody, PBS Only

Catalog Number: 82508-1-PBS



## Basic Information

<b>Catalog Number:</b> 82508-1-PBS	<b>GenBank Accession Number:</b> BC003108	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 2271	<b>CloneNo.:</b> 3K16
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P07954	
<b>Isotype:</b> IgG	<b>Full Name:</b> fumarate hydratase	
<b>Immunogen Catalog Number:</b> AG1934	<b>Calculated MW:</b> 510 aa, 55 kDa	
	<b>Observed MW:</b> 45 kDa	

## Applications

**Tested Applications:**  
WB, IP, Indirect ELISA

**Species Specificity:**  
Human, Rat, Mouse

## 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 -80°C.

**Storage Buffer:**  
PBS Only

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

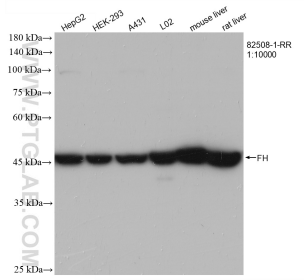
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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. This data was developed using the same antibody clone with 82508-1-PBS in a different storage buffer formulation.

IP result of anti-FH (IP:82508-1-RR, 4ug; Detection:82508-1-RR 1:4000) with mouse liver tissue lysate 1840 ug. This data was developed using the same antibody clone with 82508-1-PBS in a different storage buffer formulation.