

For Research Use Only

FH Recombinant antibody

Catalog Number: 82508-1-RR



Basic Information

Catalog Number: 82508-1-RR	GenBank Accession Number: BC003108	Purification Method: Protein A purification
Size: 100ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 2271	CloneNo.: 3K16
Source: Rabbit	Full Name: fumarate hydratase	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Calculated MW: 510 aa, 55 kDa	
Immunogen Catalog Number: AG1934	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, HEK-293 cells, A431 cells, L02 cells, mouse liver tissue, rat liver tissue
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

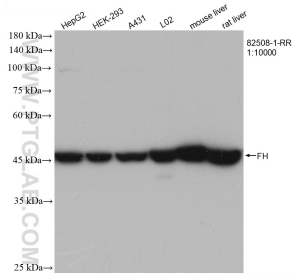
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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.