

For Research Use Only

CYP2C8 Recombinant antibody

Catalog Number: 85717-1-RR



Basic Information

Catalog Number: 85717-1-RR	GenBank Accession Number: BC020596	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1558	CloneNo.: 242948A3
Source: Rabbit	UNIPROT ID: P10632	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:250-1:1000
Isotype: IgG	Full Name: cytochrome P450, family 2, subfamily C, polypeptide 8	
Immunogen Catalog Number: AG9898	Calculated MW: 490 aa, 56 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse liver tissue, rat liver tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse liver tissue,

Background Information

CYP2C8(Cytochrome P450 2C8) is also named as CYP11C8, cytochrome P450 11C2, cytochrome P450 MP-12, cytochrome P450 MP-20, cytochrome P450 form 1 and S-mephenytoin 4-hydroxylase. It belongs to the cytochrome P450 family. It is a monooxygenase involved in an NADPH-dependent electron transport pathway and a hepatic drug-metabolizing enzymes that oxidizes therapeutic drugs such as cerivastatin and endobiotics such as retinoic acid and arachidonic acid. It has 2 isoforms produced by alternative splicing.

Storage

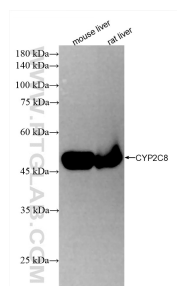
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

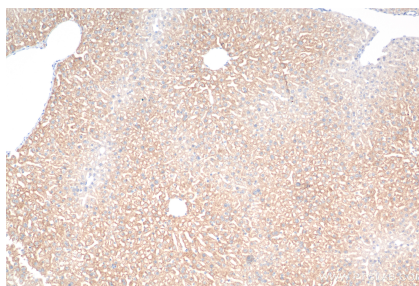
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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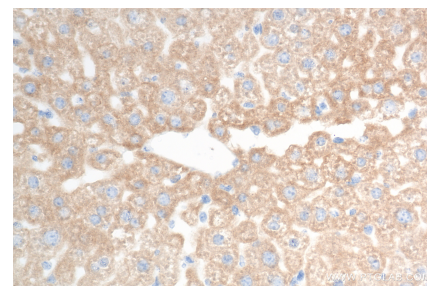
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85717-1-RR (CYP2C8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 85717-1-RR (CYP2C8 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 85717-1-RR (CYP2C8 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).