

For Research Use Only

CYP2C9 Polyclonal antibody

Catalog Number: 16355-1-AP



Basic Information

Catalog Number: 16355-1-AP	GenBank Accession Number: BC020754	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 1559	Recommended Dilutions: WB 1:500-1:2000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: P11712	
Isotype: IgG	Full Name: cytochrome P450, family 2, subfamily C, polypeptide 9	
Immunogen Catalog Number: AG9566	Calculated MW: 162aa, 18 kDa; 490aa, 56 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB: mouse liver tissue, SMMC-7721 cells, rat liver tissue
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IHC: human liver tissue,

Background Information

CYP2C9 (Cytochrome P450 Family 2 Subfamily C Member 9) is a crucial cytochrome P450 enzyme, which plays a significant role in the metabolism, by oxidation, of both xenobiotic and endogenous compounds. CYP2C9 is primarily expressed in the liver, and the expression level is reported to be the second highest among CYP isoforms (PMID: 20150829).

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:

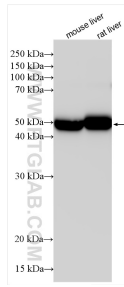
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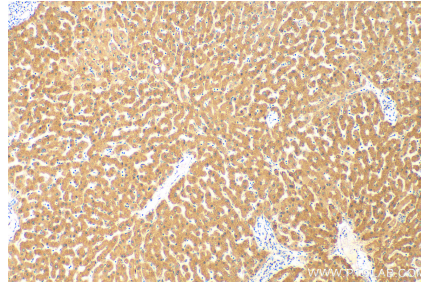
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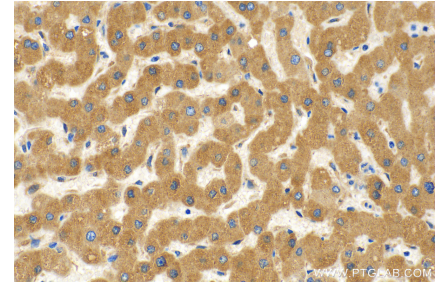
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16355-1-AP (CYP2C9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16355-1-AP (CYP2C9 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16355-1-AP (CYP2C9 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).