

For Research Use Only

MASP2 Polyclonal antibody

Catalog Number: 55252-1-AP



Basic Information

Catalog Number: 55252-1-AP	GenBank Accession Number: NM_006610	Purification Method: Antigen affinity purification
Size: 200 µg/ml	GeneID (NCBI): 10747	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O00187	
Isotype: IgG	Full Name: mannan-binding lectin serine peptidase 2	
	Calculated MW: 76 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB: mouse kidney tissue, mouse liver tissue IHC: human 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	

Background Information

Mannan-binding lectin serine protease 2 (MASP2) is a serum protease that plays an important role in the activation of the complement system via mannose-binding lectin. MASP2 contains a 15-amino acid signal peptide, the 3 amino acids essential for the active center of a serine protease, and calcium-binding residues in the epidermal growth factor like domain.

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:

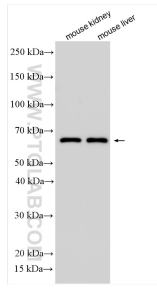
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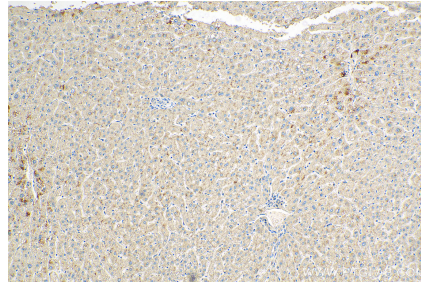
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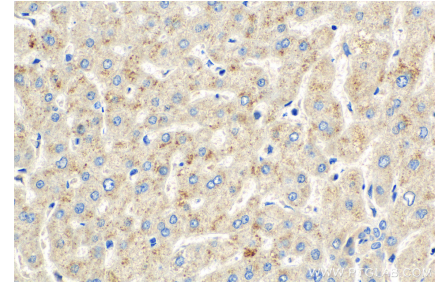
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55252-1-AP (MASP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 55252-1-AP (MASP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 55252-1-AP (MASP2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).