## For Research Use Only

## Alpha-1-microglobulin Polyclonal antibody

Catalog Number:26716-1-AP

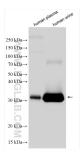


Basic Information	Catalog Number: 26716-1-AP Size:	GenBank Accession Number: BC041593 GeneID (NCBI):	Purification Method: Antigen affinity purification Recommended Dilutions:	
	150ul , Concentration: 1000 ug/ml by		WB 1:5000-1:50000	
	Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG25239	UNIPROT ID: P02760	IHC 1:50-1:500	
		Full Name:		
		alpha-1-microglobulin/bikunin precursor		
		Calculated MW: 352 aa, 39 kDa		
		Observed MW: 30 kDa		
Applications	Tested Applications:	Positive Controls:		
	WB, IHC, ELISA	WB : humai	WB : human plasma, human urine	
	Species Specificity: human		n intrahepatic cholangiocarcinoma tissue mach cancer tissue	
	Note-IHC: suggested antigen r TE buffer pH 9.0; (*) Alternativ retrieval may be performed w buffer pH 6.0	etrieval with vely, antigen		
Background Information	light chain (ITI-LC). A1M belongs to the domain fold that are found in bacteria antioxidant with powerful cell- and ti radical scavenger, and a reductase, bi inhibitor and anti-inflammatory prop liver, but smaller quantities are also forms of A1M can be found: a free mo immunoglobulin A, albumin and prot described to be localized ubiquitously monocytes/macrophages, vascular ee matrix (PMID: 22096585, PMID: 21356 present in various body fluids. It belo	ne lipocalin protein family, a group a, plants and animals (PMID: 25803, ssue-protective properties (PMID: 1 kunin is a structural component of erties (PMID: 27988357). In humans expressed in most other cells in the nomeric form and a covalent high- hrombin (PMID: 6196366, PMID: 918 y in the dermal and epidermal laye ndothelium and extracellular matri. 557). Alpha 1 microglobulin, also k ngs to the lipocalin superfamily of pocket. The protein acts as a mediato	s, the majority of A1M is synthesized in the body. In the blood, equal quantities of two nolecular weight complex bound to 83005). Endogenous A1M has also been rs of skin, and in syncytiothrophoblasts, x of placental tissue and extracellular nown as H130, is a 27-30 kDa glycoprotein	
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For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free<br/>in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.comW: ptglab.com

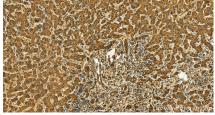
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## Selected Validation Data





Immunohistochemical analysis of paraffinembedded human intrahepatic cholangiocarcinoma tissue slide using 26716-1-AP (Alpha 1 microglobulin antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human intrahepatic cholangiocarcinoma tissue slide using 26716-1-AP (Alpha 1 microglobulin antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Various lysates were subjected to SDS PAGE followed by western blot with 26716-1-AP (Alpha 1 microglobulin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.