

For Research Use Only

Clusterin Polyclonal antibody

Catalog Number:30339-1-AP



Basic Information

Catalog Number: 30339-1-AP	GenBank Accession Number: BC010514	Purification Method: Antigen affinity purification
Size: 450 ug/ml	GeneID (NCBI): 1191	Recommended Dilutions: WB 1:5000-1:50000
Source: Rabbit	UNIPROT ID: P10909	IHC 1:300-1:1200
Isotype: IgG	Full Name: clusterin	IF/ICC 1:50-1:500
	Calculated MW: 449 aa, 53 kDa	
	Observed MW: 34-39 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: human plasma, mouse serum

IHC: human prostate cancer tissue, human liver tissue

IF/ICC: HeLa cells,

Background Information

Clusterin (Apolipoprotein J) is a 75-80 kDa heterodimeric glycoprotein produced by a wide array of tissues and found in most biologic fluids (PMID: 7648419; 11906815). It is encoded by one single gene and cleaved posttranslationally into α (34-36 kDa) and β (36-39 kDa) subunits prior to secretion from the cell. Many functions have been described for clusterin, including regulating apoptosis, transporting lipids, controlling cell interactions, regulating complement (PMID: 10694874).

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:

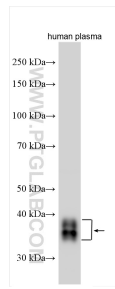
T: 4006900926

E: Proteintech-CN@ptglab.com

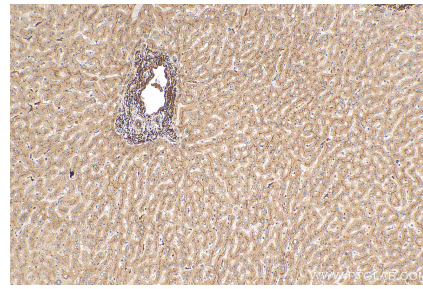
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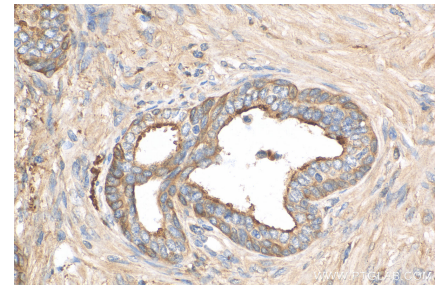
Selected Validation Data



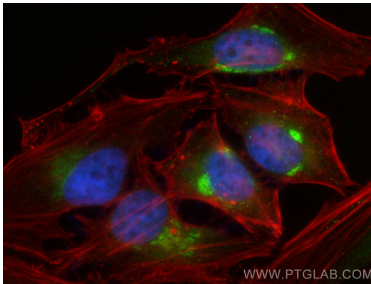
Various lysates were subjected to SDS PAGE followed by western blot with 30339-1-AP (Clusterin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 30339-1-AP (Clusterin antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 30339-1-AP (Clusterin antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Clusterin antibody (30339-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).