

For Research Use Only

Clusterin Polyclonal antibody

Catalog Number: 12289-1-AP **7 Publications**



Basic Information

Catalog Number: 12289-1-AP	GenBank Accession Number: BC010514	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1191	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: clusterin	
Isotype: IgG	Calculated MW: 449 aa, 53 kDa	
Immunogen Catalog Number: AG2889	Observed MW: 37 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: human plasma tissue,
Cited Applications: CoIP, IHC, WB	IHC: human tonsillitis tissue, human breast cancer tissue, human liver cancer tissue
Species Specificity: human, mouse, rat	
Cited Species: human, rat	

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

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Bo Ma	30235220	PLoS One	WB
Julia Kälsch	27709349	Int J Biometeorol	IHC
Lili Donner	27221710	Sci Signal	

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

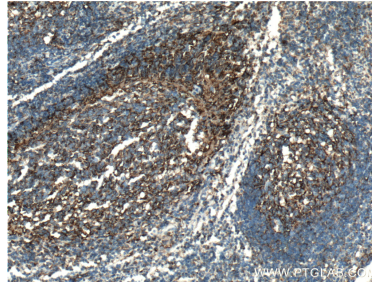
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

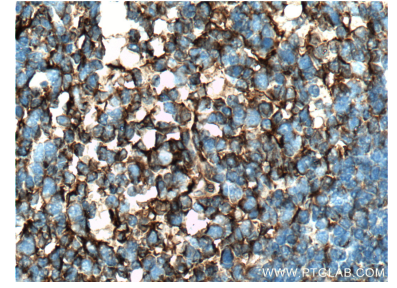
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 12289-1-AP (Clusterin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 12289-1-AP (Clusterin 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 tonsillitis tissue slide using 12289-1-AP (Clusterin antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).