

Anti-Clusterin- β Rabbit pAb

WL0194

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Clusterin- β Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:200
	IF	1:200
Cellular localization	Secreted. Mitochondrion membrane. Cytoplasm	
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Clusterin, also known as Apolipoprotein J (ApoJ), is a ubiquitous multifunctional glycoprotein that can interact with a broad spectrum of molecules such as complement components, various receptors, and the Alzheimer's β -amyloid peptide. Clusterin is synthesized as a 449 amino acid polypeptide that is post-translationally cleaved at an internal bond between Arg 227 and Ser 228. Two subunits, α and β , are associated through disulfide bonds. The α subunit corresponds to residues 23-227. The β subunit corresponds to residues 228-449. Clusterin expression is increased in Alzheimer's disease brain tissue and clusterin-immunoreactive amyloid plaques are found associated with phospho-tau-positive dystrophic neurites and it has been suggested that clusterin facilitates the conversion of diffuse β -amyloid deposits into amyloid and enhances tau phosphorylation in neurites around these plaques. Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Clusterin- β .

Immunogen

Purification

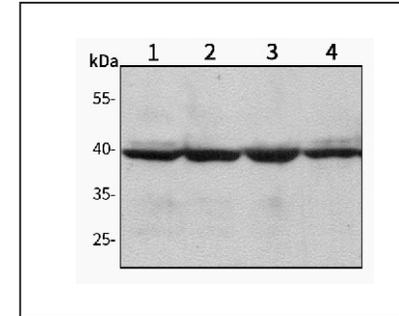
Polyclonal antibody was purified by immunogen affinity chromatography.

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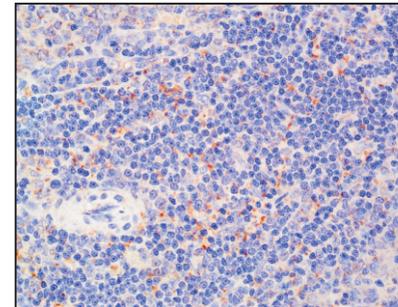
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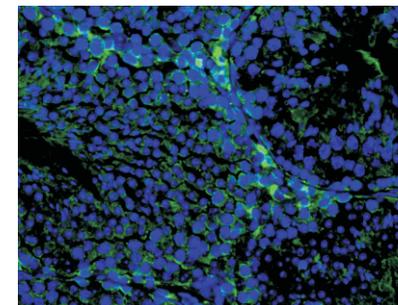
Product Images

Western blot-Anti-Clusterin- β pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human SW480 cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-Clusterin- β at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 52 kDa
 Observed band size: 37/68 kDa

Immunohistochemistry-Anti-Clusterin- β pAb

Immunohistochemical analysis of paraffin-embedded rat spleen using anti-Clusterin- β Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

Immunofluorescence-Anti-Clusterin- β pAb

Immunofluorescence analysis of paraffin-embedded mouse testicle using anti-Clusterin- β Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0